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REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER)

FOR THE

FIVE MONTHS ENDING SEPTEMBER 30, 1898.

*Mass.: Monson State Hospital, (Epileptics),  
Palmer*

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OFFICERS  
OF THE  
MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	.	.	.	BOSTON.
ALBERT C. GETCHELL, M.D., <i>Secretary</i> ,	.	.	.	WORCESTER.
BURNHAM R. BENNER, M.D.,	.	.	.	LOWELL.
ADELAIDE A. CALKINS,	.	.	.	SPRINGFIELD.
CHARLES A. CLOUGH,	.	.	.	BOSTON.
WILLIAM S. HYDE,	.	.	.	WARE.
MABEL W. STEDMAN,	.	.	.	BOSTON.

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RESIDENT OFFICERS.

OWEN COPP, M.D.,	.	.	.	.	<i>Superintendent.</i>
EDGAR J. SPRATLING, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
LILLIAN M. KINCAID,	.	.	.	.	<i>Clerk.</i>
CHARLES F. SIMONDS,	.	.	.	.	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	.	.	.	.	<i>Engineer.</i>
J. W. WILLIAMS,	.	.	.	.	<i>Farmer.</i>

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TREASURER.

CHARLES B. FISKE,	.	.	.	.	.	.	.	PALMER.
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OFFICE AT THE HOSPITAL.





# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The Massachusetts Hospital for Epileptics was created by the Legislature of 1895 (chapter 483, Acts of 1895) for the purpose of taking care of adult epileptics. It received certain State lands and property in the township of Monson, close to the railroad station of Palmer on the Boston & Albany Railroad, and a certain sum of money wherewith it was required to make provision for the care and treatment of 200 epileptics.

A report in regard to the use of said money, and describing the buildings built and the other work done by the direction of the trustees previous to the opening of the hospital, will be made separately.

The Massachusetts Hospital for Epileptics was opened on the second day of May, 1898, by proclamation of His Excellency Governor Wolcott, in accordance with the eighth section of chapter 483, Acts of 1895. It was under the charge of Dr. Owen Copp, the superintendent, who had been appointed in September, 1895, and who had had the supervision and direction of the building and other work on the property since that time.

Dr. Edgar J. Spratling was appointed assistant physician in March, 1898, in order to be on hand to receive the patients, and for such other work as might be required. Mr. Charles B. Fiske of Palmer was appointed treasurer, and assumed his duties on the 1st of April, 1898.

Since the opening of the hospital we have received 206 patients, and we now have 200, the full number that we are required to provide for, and the demand for admission is very great. We have already been obliged to refuse many worthy

persons because we had no room or suitable accommodation to receive them. The trustees have, moreover, decided that, for the present at least, they can receive no patients whatever from outside the State, — there being much too little room for the Massachusetts epileptics.

As this institution is obliged to receive epileptics, both sane and insane, male and female, gentle and excited, it is obvious that an essential condition of good management is their proper classification. This cannot be well accomplished with our present accommodations ; and the trustees therefore recommend the erection of a building which shall serve at the same time as a place for the reception of new patients until they can be properly classified and also where provisions can be made for any persons needing special medical and surgical treatment. We have at present no accommodation for such persons except in the ordinary wards and the general buildings ; consequently, any one sick person is liable to disturb a whole ward at night and keep all the patients awake. This, which might be overlooked in the case of perfectly well persons, is a serious matter for the class for whom we care, as in this way fits may be induced or aggravated. Our separate rooms are too few to accommodate the sick, and are needed for other purposes.

It is evident to any person who has had the slightest experience with any number of epileptics, that there is the greatest difference in the mental condition of such persons. Some are said to be of unusual mental endowment and intellect. Many are of average capacity and mental development, — essentially as healthy people except that they are subject to an occasional fit, — while others are mentally enfeebled, this enfeeblement being of all degrees, from the slightest possible trace scarcely to be detected by the expert to the lowest degrees of dementia, where the patient is bedridden, unable to speak or to feed himself, and has to be cared for in every way as a child. In many of the demented cases the enfeebled mind, incapable of a full and clear understanding of its surroundings and incapable of self-control, is extremely excitable and irritable, so that these persons have to be watched continually, lest in an outburst of violence or temper they injure themselves or others.

It is obvious that it is impossible that perfectly sane persons, healthy except for an occasional fit, should be placed in con-



tact with the insane or partially insane already described. While we can now make a partial division or classification by dividing the patients into different wards, it is necessary that we should before long have a building separate from the others and possibly at some distance from them, for the reception of such sane female epileptics as are essentially healthy except for an occasional attack, and are able in most respects to lead a natural, normal life. The trustees therefore advise that a building be erected for the care and reception of sane female epileptics as soon as the Legislature grants the money required.

The trustees desire to call special attention to the treatment of epileptics. This consists largely in occupation of a proper kind. All sane epileptics and many of those partially demented or otherwise mentally afflicted are much better both physically and mentally when obliged to do some regular work. This work often is not of any great money value, but it may be considered as a form of treatment necessary for the best mental development and health of the patient. Certain epileptics, again, can work as well as healthy persons, barring the attacks; but of this class the hospital contains few examples. Since, therefore, a primary consideration in the treatment of epileptics is systematized occupation, and since not all of the men and few or none of the women are capable of the rough out-of-door work which is best for a certain class, it is very important to have workshops where this work can be properly performed. These we have to a certain extent provided, but we shall probably need more room in the near future.

The trustees desire to express their satisfaction with the work of the superintendent, which has been especially difficult and arduous on account of the many problems arising in the building and arrangement of such an institution as the State Hospital for Epileptics.

WILLIAM N. BULLARD,

*For the Trustees.*

## REPORT OF THE SUPERINTENDENT.

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*To the Trustees of the Massachusetts Hospital for Epileptics.*

It becomes my duty to present to you the report of the superintendent, with that of the treasurer, for the period of five months beginning May 2, 1898, and closing with the hospital year, September 30.

By proclamation of Governor Wolcott, the hospital was declared open for the reception of patients on the former date.

Although the work previously accomplished will be made the subject of a special report by your Board, yet a brief statement here will add to the clearness of what I am about to say.

By act of the Legislature of 1895, "all the lands, buildings, and personal property" then belonging to the State Primary School were assigned to the use of this hospital, and, in addition, the sum of \$160,000 was appropriated for the construction of such new buildings, and for making such repairs, alterations and additions to old ones, as should be deemed sufficient to accommodate 200 epileptics and the necessary officers and employees.

Thus was acquired a beautiful site, shaded by an old growth of elms and maples, on a hillside overlooking one of the most picturesque valleys of the Commonwealth. The farm of two hundred and thirty acres can be made very productive.

Most of the old buildings, being unfit for hospital purposes, were sold, torn down and removed. The brick power and laundry buildings were preserved and renovated for the central heating, electric lighting and power plants, machine shop, laundry, bakery, store and sewing rooms. An extra story was added to the old carpenter and paint shop, thus furnishing a large industrial room for male patients in addition to its original accommodations.

The long, one-story wooden hospital building was remodelled



into quarters for subordinate officers and general employees. The other small hospital at the top of the hill will immediately be enlarged and converted into a cottage for twelve epileptic men.

On the west slope, at right angles to the line of the above and about five hundred feet away, a group of three new buildings has been constructed of red brick with granite trimmings. In the centre stands the administration building, separated by a distance of one hundred feet from a hospital cottage on either side. It is about fifty by sixty feet and three stories in height. The first floor is occupied by offices, waiting room, library, dispensary and small laboratory, while the two upper stories provide living apartments for the medical staff and other officers.

The hospital cottages are equal in size and identical in form, one being designed for women and the other for men. Their general shape is a rectangle, fifty by one hundred and twenty-five feet with an ell thirty by thirty feet projecting from the north side at either end. In the south-east and south-west corners of each story are day rooms, between which on the south are two large dormitories, and on the north two dining rooms separated by a serving room common to both. In each ell at the rear of the day room are four bedrooms, in addition to bath, toilet and clothes rooms. The incline of the ground to the north affords an extra story on that side, which is used for the kitchen. Each cottage is divided into four independent sections, each accommodating twenty-five patients.

The sewerage and water systems are especially complete and comprehensive. The former converges to a central screen chamber, where all obstructive materials are removed; thence empties into a flushing tank of five thousand gallons capacity, which at this limit siphons into the main sewer. The latter is laid around the crest of the hill just north of the hospital, and discharges through laterals at intervals of about one hundred feet upon a considerable area of light soil. The rapid outflow of so large a quantity of liquid affords wide and even distribution, while the arrangement of laterals controlled by valves allows its use when and where it is most needed. During a portion of the year, as in winter when the ground is frozen, it may not be advisable to thus dispose of it. To provide for

such contingency, a series of eight filter beds of coarse gravel has been prepared at the terminus of the system at the foot of the hill.

Water is obtained from two independent sources, the old local and the new Monson supply. The former consists mainly of surface water, which flows from the hills west of the institution into a large open reservoir, and to a limited extent of ground water from several springs near by. The surface water is contaminated by sewage from several barns and houses on the hillside above and was condemned for drinking purposes by the State Board of Health. It can, however, be used in the laundry and boilers and for irrigating the lawns. Aside from this objection, it would be insufficient in quantity during the summer months, and so full of organic matter, developed in the open storage reservoir, that it could not be used. It became necessary, therefore, to seek a supplementary supply, which should be adequate and satisfactory under all circumstances and also provide good fire protection. These requirements were met by connecting with the Monson water works. A terminal reservoir, constructed of solid masonry and covered by a concrete roof, was built on the high ground south-west of the hospital. Into this the Monson water flows by gravity through a six-inch cast-iron pipe, and accumulates to one hundred and seventy-eight thousand gallons. An eight-inch cast-iron pipe conveys it to and around the hospital buildings. The hydrants, set at each corner of the latter, will furnish at any time eight two and one-half inch fire streams under pressure of ninety pounds. The town has contracted to supply for twenty-five years six million gallons of water per annum, at rates which average about eight cents per thousand gallons, and any quantity beyond such limit at five cents per thousand. Our present requirements are about eight million gallons for the year.

The first patient was admitted May 16. Altogether, 101 men, 105 women, total 206, were received; 4 men and 1 woman were discharged; 1 man died; leaving at the end of the year 96 men, 104 women; total 200. The daily average number of patients was 130.83.

Of the admissions, 83 men, 81 women, total 164, were transferred from other institutions, as shown in statistical Table No.



4; 15 were committed directly by the courts, 5 as insane epileptics, 10 as epileptic only; 17 were received on the approval of a judge, and 10 as private voluntary patients.

Of the discharges, 1 was much improved, 1 improved, 3 not improved. Two men eloped and were not returned. The others went to their friends.

The daily average number of State patients was 45.87, town patients 78.27, private patients 6.69. The average rate of board paid by private patients was \$4.21 per week. The weekly cost of maintenance per patient was \$4.62. About \$1 per week should be added to this in allowance for supplies on hand May 2, and consumed prior to October 1. This apparently high cost will be reduced as the number of patients increase, as their labor, which is now inferior in quality, improves by teaching and development, and as a smaller proportion of helpless cases is received, more than thirty-five per cent. being now helpless, crippled or feeble.

In the matter of treatment, we aim to put each patient in the best physical condition, believing this to be the first step in reaching the essential etiological factors in epilepsy, and that many auxiliary causes may thus be removed. Naturally, nutrition first engaged attention, as being vital to the general tissues and especially to the proper performance of function by the nerve cells. There is usually found serious disability in the digestive apparatus. The teeth have been lost by neglect or are badly decayed; the stomach disordered by catarrhal inflammation and the bowels constipated. This means local irritation, septic absorption, indigestion and malnutrition.

From one hundred and forty mouths examined five hundred and forty-one carious teeth have been extracted, numerous alveolar abscesses cleaned out and three necrosed jaws treated. So many teeth had been previously lost that an average of only 14.86 to each patient remains. Thus mastication has become practically impossible in the majority of cases. The results of such investigation present important indications for treatment, as proper care of remaining teeth, their repair by necessary dental work, and the preparation of food in such form as not to require mastication.

In the further study of nutrition, a close relation was observed between the diet and the daily percentage of fits. This



pertains to kind, preparation and combination of different articles of food. Without going into greater detail, it suffices to say that we intend to study all the physical needs and disabilities of the epileptic, and to endeavor to supply and correct them so far as possible.

Too much stress cannot be laid upon the value of systematic occupation, both mental and physical. The danger of self-injury by falling, his irritability and tendency to impulsive violence, and the alarm excited by the exhibition of his distressing malady have usually debarred him from employment, and, if early afflicted, have closed against him every avenue of acquiring knowledge and skill necessary to fit him for usefulness. Therefore he has become habituated to idleness, isolation and practices naturally bred under such conditions. These must not be allowed to continue, else greater degeneration is inevitable, apart from the effects of his disease. The task requires infinite tact, patience and persistence. It involves risk of injury to patient, to teacher and to property. This can be minimized in an institution, but not eliminated by any system of care. It must be taken for the good of the epileptic, if we would avoid such restrictions upon his liberty as would render life intolerable, and defeat the end of every effort in his behalf. Before reaching the hospital, he has usually lost the inclination to do consecutive work, has become deficient in power of attention and application, fickle and untrustworthy. What else could be expected from the life which he has been compelled to lead? He needs, above all else, development, direction and control.

Ten per cent. of our patients are young and teachable. This percentage is likely to increase, and would now be much larger if the insane were excluded. A school of thirty pupils has just been organized to teach these in elementary subjects, and prepare them for manual training. A large work room for men and boys is nearly ready, in which it is proposed to teach shoe-making, tailoring, printing, carpentry and such other work as patients may be able to do.

Twenty-four of the more demented men have been employed in grading and road building, 13 on the farm, 2 in the laundry, 6 in and about the kitchens, 1 each in the store and bakery, 1 doing clerical work in the office and 2 as messenger and bell

boys, making 53 per cent. working outside of the wards ; 15 have assisted on the latter. Thirty-four per cent. are helpless, crippled or feeble.

Of the women, 5 have done general housework at the cottage, 4 at the administration building ; 2 have worked in the kitchens, 14 in the laundry and 15 in the sewing room, making a total of 38 per cent. doing other than ward work ; 17 have helped in the latter. Thirty-six per cent. are helpless, crippled or feeble.

Effort will be made to employ every patient, so far as possible, for his own improvement and development. In many cases the outgo, at the start, will be greater than the return ; but ultimately the improved condition, and consequently greater ease in caring for such, together with the better quality of work done, will be of distinct advantage to the institution and lessen the cost of maintenance.

The special treatment of epilepsy is largely experimental, owing to the lack of accurate data upon which to base it. The importance of securing such can hardly be over-estimated, when it is considered that probably more than 4,000 epileptics are to-day living in Massachusetts, and about 700 are already inmates of charitable institutions, while many others are rapidly approaching the almshouse or insane asylum by reason of this disease. It would seem to be not only humane, but economical, to make every effort for its cure and amelioration and to equip this institution to do first-class scientific work in this direction.

As before stated, 35 per cent. of our patients are helpless, crippled or feeble, and require separation from other classes, and given infirmary care.

New admissions should be placed under close observation for the first few weeks or months, until the peculiarities of their epilepsy can be studied, their habits and propensities learned, careful examinations and records made, and the general conditions under which they ought to live determined. For these purposes a hospital building is urgently needed. It should provide for 100 patients, with equal accommodation for each sex, and should have a strictly hospital organization and equipment. Here should be gathered all the important medical work.

Thirty sane inmates of the hospital are now unavoidably brought into more or less intimate association with the insane.



This is to be deplored. Sufficient space should separate the two to make them independent. The cottage, now in process of remodelling, will effect this for the men. A similar provision for the women should be made as soon as possible.

The piggery, slaughter house and hennery are too small and much out of repair, and should be replaced by new buildings.

The coal shed should be doubled in size to store a year's supply of coal and to enable us to buy on the most favorable terms.

The interior walls of the hospital are already becoming soiled, and need painting.

It will be necessary to provide for furnishing the cottage for men. This was not included in the appropriation for furnishing and equipping the original buildings.

During the year it would be desirable to establish several new industries for patients and to replace old and add new machinery in the carpenter and machine shops.

I would earnestly recommend that careful estimates of the cost of the above be made, in order that the next Legislature may be petitioned for the means to supply them.

There is now some confusion as to the age of eligibility for admission of patients. The law (Acts of 1895, chapter 483, section 8) reads “. . . and thereafter the trustees may receive into said hospital for care and treatment any *adult* person, not a criminal, who is subject to epilepsy, provided such person be neither an idiot, an inebriate, or violently insane.” The word “adult” is variously interpreted by different judges, some declining to commit any epileptic under twenty-one.

In as much as about 75 per cent. of cases of epilepsy develop before the age of twenty, and early treatment affords the greatest hope of recovery, and especially since there is no provision for epileptics between fourteen and twenty-one, it is desirable to fix the age of admission definitely at fourteen and over.

Dr. Edgar J. Spratling, formerly second assistant physician at the Matteawan State Hospital, New York, was appointed assistant physician and entered upon his duties March 1. His zeal and enthusiasm have been very helpful. Mr. Charles B. Fiske, cashier of the Palmer National Bank, was made treasurer, beginning his service April 1. His long experience in



financial matters has been of the greatest value in opening our accounts.

The farm has been carried on for the last two seasons, but previously had been almost entirely neglected for several years. Only necessary work has been attempted, since prior to the opening of the hospital all labor was hired. It has been well stocked and fairly equipped, and will yield a good return in the future. A report of its products for the past year is appended.

We wish to acknowledge gifts of medical books and periodicals from the Boston Medical Library and the Worcester Medical Library Association, through the kindness of Dr. William N. Bullard and Dr. Albert C. Getchell, and the contribution of medical pamphlets by Mrs. Adelaide A. Calkins.

The Eastern Hampden Agricultural Association very kindly furnished passes which enabled many of our patients to attend their annual fair. Such acts afford great pleasure to those who would otherwise be deprived of such enjoyments.

To my associates, officers, nurses and employees I desire to express my hearty appreciation of their cordial co-operation under many discouragements. To their interest, kindness and fidelity the usefulness of an institution must be largely attributed.

The unfailing support and counsel of your Board have been strength and guidance to me under all circumstances, for which I am profoundly grateful.

OWEN COPP,

*Superintendent.*

## TREASURER'S REPORT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

I respectfully submit herewith the following report of the finances of this institution for the five months it has been open, ending Sept. 30, 1898 : —

ASSETS.		
Real estate, . . . . .	\$23,013 00	
New buildings, . . . . .	84,000 00	
Old buildings, . . . . .	31,550 00	
Water and sewerage systems, . . . . .	30,200 00	
		\$168,763 00
Personal estate : —		
Live stock on the farm, . . . . .	\$3,998 50	
Produce of the farm on hand, . . . . .	3,731 42	
Carriages and agricultural implements, . . . . .	2,255 50	
Machinery and mechanical fixtures, . . . . .	18,363 20	
Beds and bedding in inmates' department, . . . . .	3,568 74	
Other furniture in inmates' department, . . . . .	4,620 32	
Personal property of State in administration		
building and employees' cottage, . . . . .	5,675 35	
Ready-made clothing, . . . . .	874 25	
Dry goods, . . . . .	424 08	
Provisions and groceries, . . . . .	888 83	
Drugs and medicines, . . . . .	500 00	
Fuel, . . . . .	2,500 00	
Library, . . . . .	500 00	
Other supplies undistributed, . . . . .	5,241 84	
		\$53,142 03
RECEIPTS.		
Received from State appropriation for present year, . . . . .	\$10,128 93	
Received from State appropriation for 1897, . . . . .	1,170 94	
Received from State appropriation 1895 for building, . . . . .	4,576 41	
Received from State appropriation for furnishing and equipping, . . . . .	3,379 45	
Total from appropriations, . . . . .		\$19,255 73
<i>Amount carried forward, . . . . .</i>		\$19,255 73

<i>Amount brought forward,</i> . . . . .		\$19,255 73
Received from State for board of patients, . . . . .	\$482 42	
from towns for board of patients, . . . . .	1,134 31	
from individuals for board of patients, . . . . .	425 04	
from sales, . . . . .	549 62	
from patients for safe keeping, . . . . .	378 10	
	<hr/>	2,969 49
Total receipts, . . . . .		\$22,225 22

## EXPENDITURES.

Salaries, wages and labor, . . . . .		\$5,943 72
Provisions and supplies:—		
Meat, . . . . .	\$690 43	
Fish, . . . . .	65 86	
Fruit and vegetables, . . . . .	147 61	
Grain and meal, . . . . .	15 21	
Tea, coffee and chocolate, . . . . .	116 69	
Sugar and molasses, . . . . .	234 64	
Milk, butter and cheese, . . . . .	349 68	
Salt and other groceries, . . . . .	117 02	
All other provisions, . . . . .	259 02	
Grain and meal for stock, . . . . .	160 11	
	<hr/>	2,156 27
Clothing, . . . . .		331 66
Fuel and lights, . . . . .		1,206 44
Medical supplies, . . . . .		37 80
Furniture, beds and bedding, . . . . .		38 56
Transportation, . . . . .		108 07
Ordinary repairs, . . . . .		59 52
Expenses of superintendent and trustees, . . . . .		116 00
Paid account of patients, . . . . .		132 03
All other current expenses, . . . . .		1,143 98
Repairs and other extraordinary expenses, . . . . .		9,126 80
		<hr/>
Total expenditures, . . . . .		\$20,400 85
Cash on hand Sept. 30, 1898, . . . . .		1,824 37
		<hr/>
		\$22,225 22

*Statement of Appropriations.*

APPROPRIATION.	AMOUNT.	Expended before May 2, 1898.	Expended since May 2, 1898.	Balance unexpended.
Appropriation, 1895, for buildings, . . . . .	\$160,000 00	\$143,630 68	\$4,576 41	\$11,792 91
Furnishing and equipping, . . . . .	22,750 00	17,130 55	3,379 45	2,240 00
Current expense, 1897, . . . . .	25,000 00	20,473 35	1,170 94	3,355 71
Current expense, 1898, . . . . .	25,000 00	4,562 15	10,128 93	10,308 92
Totals, . . . . .	<hr/> \$232,750 00	<hr/> \$185,796 73	<hr/> \$19,255 73	<hr/> \$27,697 54



## RESOURCES.

Cash on hand, . . . . .	\$1,824 37
Due from Commonwealth for board, . .	2,685 74
from cities and towns for board, . .	4,530 52
from individuals for board, . . . .	18 50
Unexpended appropriations available, . .	24,341 83
	<hr/>
	\$33,400 96

## LIABILITIES.

Salaries and wages due, . . . . .	\$1,566 33	
Miscellaneous bills due, . . . . .	431 82	
Patients' money, . . . . .	260 77	
	<hr/>	2,258 92
Balance, . . . . .	\$31,142 04	
Taking the total expenditures, . . . . .		\$20,400 85
And deducting the extraordinary expenses, .	\$9,126 80	
Also amount paid account of patients, . .	132 03	
	<hr/>	9,258 83
We have the current expenses, . . . . .		\$11,142 02
Adding to this the unpaid salaries and bills due, . . . .		1,998 15
And dividing the sum by the average number of patients (130.83), we have the average cost per patient, . . . .		100 43
Equivalent to an average weekly cost of . . . . .		4 62

CHAS. B. FISKE,

*Treasurer.*

Examined and approved :

WILLIAM S. HYDE,

CHAS. A. CLOUGH,

*Auditing Committee for the Trustees.*

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# STATISTICAL TABLES.

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1. — General Statistics of the Year.

	INSANE.			SANE.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital May 2, 1898, . . . . .	—	—	—	—	—	—	—	—	—
Admitted within the year, . . . . .	85	89	174	16	16	32	101	105	206
Whole number of cases within the year, . . . . .	85	89	174	16	16	32	101	105	206
Discharged within the year, . . . . .	3	—	3	2	1	3	5	1	6
as recovered, . . . . .	—	—	—	—	—	—	—	—	—
as much improved, . . . . .	—	—	—	1	—	1	1	—	1
as improved, . . . . .	2	—	2	—	—	—	2	—	2
as not improved, . . . . .	—	—	—	1	1	2	1	1	2
Deaths, . . . . .	1	—	1	—	—	—	1	—	1
Patients remaining Sept. 30, 1898, . . . . .	82	89	171	14	15	29	96	104	200
Viz.: State patients, . . . . .	—	—	—	—	—	—	27	31	58
town patients, . . . . .	—	—	—	—	—	—	64	70	134
private patients, . . . . .	—	—	—	—	—	—	5	3	8
Number of different persons within the year, . . . . .	85	89	174	16	16	32	101	105	206
Number of different persons admitted within the year, . . . . .	85	89	174	16	16	32	101	105	206
Persons recovered, . . . . .	—	—	—	—	—	—	—	—	—
Daily average number of patients, . . . . .	—	—	—	—	—	—	65.64	65.19	130.83
Viz.: State patients, . . . . .	—	—	—	—	—	—	23.54	22.33	45.87
town patients, . . . . .	—	—	—	—	—	—	39.09	39.18	78.27
private patients, . . . . .	—	—	—	—	—	—	3.01	3.68	6.69

2. — *Monthly Admissions, Discharges and Averages.*

MONTHS.	ADMISSIONS.			DISCHARGES.			DEATHS.			DAILY AVERAGE OF PATIENTS IN THE HOSPITAL.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
May, . . . . .	29	30	59	—	—	—	—	—	—	3.23	3.57	6.80
June, . . . . .	41	34	75	—	1	1	—	—	—	57.30	53.57	110.87
July, . . . . .	24	29	53	2	—	2	—	—	—	76.39	73.09	149.48
August, . . . . .	4	4	8	—	—	—	1	—	1	94.39	93.87	188.26
September, . . . . .	3	8	11	2	—	2	—	—	—	95.60	100.63	196.23
Total of cases, . . . . .	101	105	206	4	1	5	1	—	1	—	—	—
Total of persons, . . . . .	101	105	206	4	1	5	1	—	1	—	—	—
Daily average, . . . . .	—	—	—	—	—	—	—	—	—	65.64	65.19	130.83

*3. — Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.		
	Males.	Females.	Totals.
First, . . . . .	101	105	206
Total of cases, . . . . .	101	105	206
Total of persons, . . . . .	101	105	206

*4. — Relations to Hospitals of Cases admitted.*

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Inmates of this hospital only, . .	18	24	42
Former inmates of other hospitals: —			
Westborough Insane Hospital, .	10	10	20
Worcester Lunatic Hospital, . .	17	14	31
Worcester Insane Asylum, . .	4	7	11
Northampton Lunatic Hospital, .	9	11	20
Massachusetts School for Feeble-minded, . . . . .	6	—	6
State Almshouse, . . . . .	17	16	33
Hospital Cottages for Children, .	1	2	3
Danvers Lunatic Hospital, . .	7	11	18
Taunton Lunatic Hospital, . .	9	9	18
Westborough Insane Hospital and Hospital Cottages for Children, .	1	—	1
Worcester Lunatic Hospital and Hospital Cottages for Children, .	2	—	2
Boston Insane Hospital, . . . .	—	1	1
Total of cases, . . . . .	101	105	206
Total of persons, . . . . .	101	105	206



5. — *Nativity and Parentage of Persons admitted.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patient.	Father.	Mother.	Patient.	Father.	Mother.	Patient.	Father.	Mother.
Massachusetts, .	53	8	9	56	13	7	109	21	16
Other States : —									
Connecticut, .	1	—	—	1	—	1	2	—	1
Maine, . .	2	1	2	3	—	2	5	1	4
Missouri, . .	—	—	—	1	—	—	1	—	—
New Hampshire,	1	1	—	4	—	—	5	1	—
New Jersey, .	2	—	—	1	—	1	3	—	1
New York,, .	3	2	1	2	2	1	5	4	2
Pennsylvania, .	1	—	—	—	—	1	1	—	1
Rhode Island, .	1	—	—	1	—	—	2	—	—
Vermont, . .	7	—	1	1	—	—	8	—	1
Other countries : —									
Canada, . .	4	1	1	4	3	4	8	4	5
England, . .	3	1	1	4	1	1	7	2	2
Ireland, . .	6	5	5	10	2	2	16	7	7
France, . .	—	1	1	—	—	—	—	1	1
Germany, . .	1	1	1	1	2	1	2	3	2
Italy, . . .	1	—	—	1	1	1	2	1	1
Poland, . .	—	—	—	1	—	—	1	—	—
Portugal, . .	—	1	1	—	—	—	—	1	1
Russia, . .	1	—	—	1	1	1	2	1	1
Scotland, . .	1	1	1	1	—	—	2	1	1
Switzerland, .	—	—	1	—	—	—	—	—	1
Unknown, . .	13	78	76	12	80	82	25	158	158
Totals, . .	101	101	101	105	105	105	206	206	206

*6. — Residence of Persons admitted.*

COUNTIES.								Males.	Females.	Totals.
Barnstable,	.	.	.	.	.	.	.	—	—	—
Berkshire, .	.	.	.	.	.	.	.	6	1	7
Bristol, .	.	.	.	.	.	.	.	6	6	12
Dukes, .	.	.	.	.	.	.	.	—	—	—
Essex, .	.	.	.	.	.	.	.	8	13	21
Franklin, .	.	.	.	.	.	.	.	3	1	4
Hampden, .	.	.	.	.	.	.	.	4	10	14
Hampshire, .	.	.	.	.	.	.	.	1	3	4
Middlesex, .	.	.	.	.	.	.	.	26	24	50
Nantucket, .	.	.	.	.	.	.	.	—	—	—
Norfolk, .	.	.	.	.	.	.	.	8	5	13
Plymouth, .	.	.	.	.	.	.	.	3	4	7
Suffolk, .	.	.	.	.	.	.	.	21	26	47
Worcester, .	.	.	.	.	.	.	.	15	12	27
Totals,	.	.	.	.	.	.	.	101	105	206

7. — Civil Condition of Persons admitted.

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			UNKNOWN.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	81	69	150	12	18	30	3	11	14	5	7	12	101	105	206
Total of cases, . . . . .	81	69	150	12	18	30	3	11	14	5	7	12	101	105	206
Total of persons, . . . . .	81	69	150	12	18	30	3	11	14	5	7	12	101	105	206



8. — *Occupation of Persons admitted.*

## MALES.

Barber, . . . . .	1	Painters, . . . . .	2
Book agent, . . . . .	1	Peddler, . . . . .	1
Bookkeeper, . . . . .	1	Physician, . . . . .	1
Butcher, . . . . .	1	Sailor, . . . . .	1
Carpenter, . . . . .	1	Salesman, . . . . .	1
Clerks, . . . . .	2	Shoemakers, . . . . .	2
Druggist, . . . . .	1	Spinner, . . . . .	1
Farmers, . . . . .	7	Student, . . . . .	1
Janitor, . . . . .	1	Tanner, . . . . .	1
Jeweller, . . . . .	1	Teamster, . . . . .	1
Laborers, . . . . .	15	Tinner, . . . . .	1
Lather, . . . . .	1	Weavers, . . . . .	2
Marble worker, . . . . .	1	Unknown, . . . . .	4
Mechanics, . . . . .	4		
No occupation, . . . . .	44	Total, . . . . .	101

## FEMALES.

Domestics, . . . . .	12	Daughter or wife of—	
Errand girl, . . . . .	1	Architect, . . . . .	1
Hairdresser, . . . . .	1	Domestic, . . . . .	1
Housewives, . . . . .	15	Engineer, . . . . .	1
Laundress, . . . . .	1	Fireman, . . . . .	1
Librarian, . . . . .	1	Gardener, . . . . .	1
No occupation, . . . . .	47	Laborer, . . . . .	2
Stitcher, . . . . .	1	Liveryman, . . . . .	1
Student, . . . . .	1	Merchant, . . . . .	1
Vestmaker, . . . . .	1	Sailor, . . . . .	1
Waitress, . . . . .	1	Shoemaker, . . . . .	1
Weaver, . . . . .	3	Teamster, . . . . .	1
Unknown, . . . . .	8		
		Totals, . . . . .	105

*9.— Probable Causes of Disease in Persons admitted.*

	INSANE.			SANE.			TOTALS.
	Males.	Females.	Totals.	Males.	Females.	Totals.	
Catarrh of stomach, . . .	2	2	4	1	1	2	6
Chronic enteritis, . . .	1	3	4	2	—	2	6
Congenital defects, . . .	7	11	18	—	—	—	18
Cholera infantum, . . .	3	2	5	1	—	1	6
Chorea, . . . . .	—	—	—	—	1	1	1
Diphtheria, . . . . .	—	—	—	—	1	1	1
Encephalitis, . . . . .	1	—	1	—	—	—	1
Exposure, . . . . .	1	—	1	—	—	—	1
Family trouble, . . . . .	—	1	1	—	1	1	2
Heredity, . . . . .	1	3	4	—	—	—	4
Hydrocephalus, . . . . .	1	1	2	—	—	—	2
Ill health, . . . . .	2	3	5	—	2	2	7
Indigestion, . . . . .	—	—	—	2	—	2	2
Inherited syphilis, . . .	—	—	—	—	1	1	1
Infantile colic, . . . . .	—	—	—	1	—	1	1
Infantile paralysis, . . .	4	5	9	—	—	—	9
Injury to head, . . . . .	5	2	7	—	1	1	8
Intemperance, . . . . .	6	—	6	—	—	—	6
Intestinal catarrh, . . .	1	2	3	—	—	—	3
Lead poisoning, . . . . .	2	—	2	—	—	—	2
Meningitis, . . . . .	—	—	—	1	—	1	1
Menopause, . . . . .	—	1	1	—	—	—	1
Masturbation, . . . . .	9	—	9	1	—	1	10
Nephritis, . . . . .	1	3	4	—	1	1	5
Paresis, . . . . .	1	—	1	—	—	—	1
Pneumonia, . . . . .	—	—	—	—	1	1	1
Overwork, . . . . .	2	—	2	—	—	—	2
Scarlet-fever, . . . . .	—	—	—	1	—	1	1
Septicæmia, . . . . .	1	1	2	—	—	—	2
Sexual excess, . . . . .	—	—	—	1	—	1	1
Softening of brain, . . .	1	3	4	—	—	—	4
Suppression of menses, . .	—	2	2	—	2	2	4
Sunstroke, . . . . .	—	—	—	1	—	1	1
Spinal disease, . . . . .	1	—	1	1	—	1	2
Syphilis, . . . . .	2	—	2	1	—	1	3
Teething, . . . . .	1	—	1	—	—	—	1
Tuberculosis, . . . . .	—	—	—	—	1	1	1
Unknown, . . . . .	29	44	73	2	3	5	78
Totals, . . . . .	85	89	174	16	16	32	206

## 10.—Record of Cases admitted within the Year.

PATIENTS.	INSANE.			SANE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted, . . . . .	85	89	174	16	16	32	101	105	206
Discharged, recovered, . . . . .	—	—	—	—	—	—	—	—	—
much improved, . . . . .	—	—	—	1	—	1	1	—	1
improved, . . . . .	1	—	1	—	—	—	1	—	1
not improved, . . . . .	1	—	1	1	1	2	2	1	3
died, . . . . .	1	—	1	—	—	—	1	—	1
Remaining Sept. 30, 1898, . . . . .	82	89	171	14	15	29	96	104	200
Number likely to recover, . . . . .	—	—	—	4	6	10	4	6	10
Number likely to improve, . . . . .	9	8	17	4	5	9	13	13	26



11. — *Ages of Epileptics at First Attack, Admission and Death.*

AGES.	PERSONS ADMITTED.			PERSONS DIED.					
	AT FIRST ATTACK.		WHEN ADMITTED.	AT FIRST ATTACK.		AT TIME OF DEATH.			
	Males.	Females.		Totals.	Males.		Females.	Totals.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	4	8	12	-	-	-	-	-	-
15 years and less, . . . . .	35	33	68	2	3	5	-	-	-
From 15 to 20 years, . . . . .	10	15	25	16	14	30	-	-	-
20 to 25 years, . . . . .	6	6	12	18	13	31	1	-	-
25 to 30 years, . . . . .	3	6	9	10	13	23	-	-	-
30 to 35 years, . . . . .	6	1	7	12	10	22	-	-	-
35 to 40 years, . . . . .	5	1	6	7	17	24	-	-	-
40 to 50 years, . . . . .	5	2	7	17	19	36	-	-	-
50 to 60 years, . . . . .	5	2	7	11	8	19	-	-	-
60 to 70 years, . . . . .	-	1	1	7	2	9	-	-	-
70 to 80 years, . . . . .	-	-	-	-	3	3	-	-	-
Over 80 years, . . . . .	-	1	1	-	2	2	-	-	-
Unknown, . . . . .	22	29	51	1	1	2	-	-	-
Total of persons, . . . . .	101	105	206	101	105	206	1	-	1
Mean ages, . . . . .	14.71	10.45	12.56	34.05	35.44	34.76	23	-	27

12. — *Reported Duration of Disease before Last Admission.*

PREVIOUS DURATION:	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	—	1	1	4	7	11	4	8	12
Under 1 month, . . . . .	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	—	—	—	—	—	—
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	—	—	—	—	—	—	—	—	—
1 to 2 years, . . . . .	—	—	—	—	—	—	—	—	—
2 to 5 years, . . . . .	3	3	6	11	3	14	14	6	20
5 to 10 years, . . . . .	3	2	5	12	11	23	15	13	28
10 to 20 years, . . . . .	3	9	12	20	12	32	23	21	44
Over 20 years, . . . . .	8	5	13	9	13	22	17	18	35
Unknown, . . . . .	1	1	2	22	29	51	23	30	53
Total of cases, . . . . .	18	24	42	83	81	164	101	105	206
Total of persons, . . . . .	18	24	42	83	81	164	101	105	206
Average duration in years, . . . . .	14.78	16.12	15.55	9.69	11.17	10.43	10.59	12.24	11.43





15. — Causes of Death.

CAUSES.	INSANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system : —						
Epilepsy, . . . . .	1	-	1	1	-	1
Totals, . . . . .	1	-	1	1	-	1

17. — Deaths, classified by Duration of Disease and of Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION OF ATTACK.			WHOLE KNOWN PERIOD OF DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Epileptic:—												
Congenital,	.	.	.	.	.	.	.	.	.	.	.	.
Under 1 month,	.	.	.	.	.	.	.	.	.	.	.	.
From 1 to 3 months,	.	.	.	.	.	.	.	.	.	.	.	.
3 to 6 months,	.	.	.	.	.	.	.	.	.	.	.	.
6 to 12 months,	.	.	.	.	.	1	.	.	.	1	.	1
1 to 2 years,	.	.	.	.	.	.	1	.	1	.	.	.
2 to 5 years,	1	.	1	.	.	.	.	.	.	.	.	.
5 to 10 years,	.	.	.	.	.	.	.	.	.	.	.	.
10 to 20 years,	.	.	.	.	.	.	.	.	.	.	.	.
Over 20 years,	.	.	.	.	.	.	.	.	.	.	.	.
Unknown,	.	.	.	.	.	.	.	.	.	.	.	.
Totals, .	1	—	1	1	—	1	1	—	1	1	—	1
Average in months,	48.	—	48.	2.9	—	2.9	48.	—	48	2.9	—	2.9

## FARM PRODUCTS

IN 1898.

---

Milk, 79,213 quarts, . . . . .	\$3,168 52
Eggs, 501 $\frac{1}{4}$ dozen, . . . . .	198 75
Hay, 113 $\frac{1}{4}$ tons, . . . . .	1,656 00
Hay, meadow, 12 tons, . . . . .	72 00
Ensilage, 54 tons, . . . . .	108 00
Green fodder, 7 tons, . . . . .	14 00
Oat fodder, 2 tons, . . . . .	16 00
Asparagus, 132 pounds, . . . . .	13 20
Radishes, 3 bunches, . . . . .	30
Rhubarb, 1,719 pounds, . . . . .	61 76
Lettuce, 3,575 heads, . . . . .	35 75
Strawberries, 13 boxes, . . . . .	1 30
Turnips, 434 bushels, . . . . .	217 00
Green peas, 55 $\frac{1}{2}$ bushels, . . . . .	55 50
Carrots, 250 bushels, . . . . .	125 00
Currants, 5 $\frac{3}{4}$ bushels, . . . . .	14 00
Cucumbers, 1,799, . . . . .	35 98
Cucumbers, 11 bushels, for pickles, . . . . .	16 50
Table beets, 416 $\frac{2}{3}$ bushels, . . . . .	250 00
Garden beans, 26 $\frac{1}{4}$ bushels, . . . . .	26 25
Sweet corn, 9,477 ears, . . . . .	94 75
Tomatoes, 75 bushels, . . . . .	37 50
Onions, 50 bushels, . . . . .	30 00
Cabbage, 9 barrels, . . . . .	9 00
Pumpkins, 377, . . . . .	18 85
Pears, 10 $\frac{1}{4}$ bushels, . . . . .	15 37

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*Amount carried forward,* . . . . . \$6,191 28





## ARTICLES MADE IN THE SEWING ROOM AND ON THE WARDS.

---

Sheets, . . . . .	174	Wrappers, . . . . .	19
Pillow cases, . . . . .	426	Dresses, . . . . .	75
Table cloths, . . . . .	47	Aprons, . . . . .	184
Napkins, . . . . .	120	Skirts, . . . . .	108
Curtains, . . . . .	223	Night dresses, . . . . .	124
Bureau covers, . . . . .	56	Chemises, . . . . .	155
Commode covers, . . . . .	7	Drawers, . . . . .	184
Towels, . . . . .	1,731	Coats, . . . . .	1
Dish towels, . . . . .	179	Bibs, . . . . .	52
Clothes bags, . . . . .	54	Suspenders, pairs, . . . . .	59
Clothes-pin bags, . . . . .	3	Shirts, . . . . .	57
Rugs, . . . . .	10	Overalls, pairs, . . . . .	2
Dusters, . . . . .	17	Trousers, pairs, . . . . .	3
Box linings and covers, . . . . .	7	Vests, . . . . .	1
Hammock, . . . . .	1	Night shirts, . . . . .	17
Flags, . . . . .	7	Rubber caps, . . . . .	12
Oven cloths, . . . . .	8	Bathing dresses, . . . . .	5
Holder, . . . . .	21	Pillow ticks, . . . . .	299

## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

---

Superintendent, per year, . . . . .	\$2,500 00
Assistant physician, per year, . . . . .	1,250 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	400 00
Steward and storekeeper, per month, . . . . .	45 00
Supervisor (man), per month, . . . . .	35 00
Supervisor (woman), per month, . . . . .	30 00
Night attendants (men, 2), per month, . . . . .	\$23 00-27 00
Attendants (men, 7), per month, . . . . .	20 00-25 00
Night attendants (women, 2), per month, . . . . .	18 00
Attendants (women, 8), per month, . . . . .	14 00-19 00
Engineer, per year, . . . . .	800 00
Assistant engineer, per month, . . . . .	45 00
Fireman, per month, . . . . .	26 00
Watchman, per month, . . . . .	30 00
Baker, per month, . . . . .	30 00
Cooks (4), per month, . . . . .	18 00-22 00
Assistant cooks (2), per month, . . . . .	16 00
Table girls (2), per month, . . . . .	16 00
Seamstress, per month, . . . . .	23 00
Assistant seamstress, per month, . . . . .	16 00
Laundress, per month, . . . . .	25 00
Laundryman, per month, . . . . .	25 00
Assistant laundresses (2), per month, . . . . .	16 00
Farmer, per year, . . . . .	600 00
Assistant farmers (7), per month, . . . . .	20 00-26 00
Handy man, per month, . . . . .	33 00
Gardener, per month, . . . . .	30 00
Expressman, per month, . . . . .	28 00







REPORT OF THE TRUSTEES  
OF THE  
MASSACHUSETTS  
HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER)

FOR THE

YEAR ENDING SEPTEMBER 30, 1899.

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OF THE

MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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TREASURER.

CHARLES B. FISKE,	.	.	.	.	.	.	PALMER.
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OFFICE AT THE HOSPITAL.





# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Massachusetts Hospital for Epileptics present, herewith, their report for the year ending Sept. 30, 1899.

This has been the first year during the whole of which the hospital has been in active operation; much, therefore, has been necessary in the way of preparation and arrangement of detail, as must be the case in any new institution. Moreover, this work has been considerably delayed and hindered by the untimely resignation of our superintendent. In spite of this, the year has been one of marked progress, and the condition of the institution seems to us satisfactory, on the whole.

It is with the deepest regret that the Board recalls its loss in the death of one of its members, the Hon. William S. Hyde of Ware. He had been a member of the Board almost from its creation, and had been associated with all its important work. He was a man of broad interests, and of such sound judgment in matters of business that the Board was able to place the most complete reliance on his opinion. He was always most attentive to his duties in relation to the hospital, and gave freely and ungrudgingly of his time whenever the interests of the institution demanded it.

The following testimonial to his memory was adopted by the Board at the meeting in July:—

Since the last meeting of the Board we have learned with sorrow of the death of our friend and associate, William S. Hyde. Some of us knew of his illness, but his death was a painful shock to all. Per-

sonally, we feel we have lost a friend, and collectively, a valued counsellor and co-worker. We desire to give expression to our feeling at this loss, and our estimate of him as a man.

Mr. Hyde was held by his fellow trustees in the highest regard for his excellent ability as a counsellor, his sound accomplishments and helpful experience in affairs of business. He was ever ready to respond to all the obligations of his position, and took a thoughtful and unselfish interest in the working of the hospital. He was of a kindly, charitable disposition, and his genial nature inspired a warm attachment, which, now that he is parted from us, has left a pleasant and tender memory.

We shall miss his friendly presence, and the respectful affection which we felt for him quickens our sympathy for his bereaved family.

It is the vote of the Board that this tribute to the memory of Mr. Hyde be written in the records and a copy sent to his family.

The vacancy in the Board, caused by the death of Mr. Hyde, was filled in June by the appointment of Col. Henry M. Phillips of Springfield as trustee.

In April the superintendent, Dr. Owen Copp, presented his resignation, in order to accept the position of executive officer of the State Board of Insanity. He was the first appointee of the institution, had been connected with it from the earliest stages, and under his care, supervision and direction it had been built, established and brought essentially to its present condition. His loss was consequently a very serious one, and temporarily crippled and delayed the progress of our work. Dr. Copp was a most excellent officer, a man of unusual executive ability and administrative skill, and held, personally, the most pleasant relations with the Board. As his successor was appointed Dr. Everett Flood, who was then superintendent of the hospital cottages for children at Baldwinville. He assumed the position of superintendent in the latter part of June, on the retirement of Dr. Copp.

In June the assistant physician, Dr. Edgar J. Spratling, resigned, as did also the interne, Dr. Leo Tobias. An acting assistant physician, Dr. Edmund R. P. Fournier, assisted the new superintendent temporarily. At the present time we have two acting internes, Dr. Arthur O. Morton and Dr. Morgan B. Hodskins, who are satisfactorily accomplishing the work under the direct supervision of the superintendent.



During the year the main work of the institution has been the care and treatment of the patients, of which the number has always taxed and at times exceeded the accommodations provided. Much has been done by them in grading the grounds about the buildings and improving their general appearance.

Owing to the change in superintendents, and for other reasons, it has not been found advisable to hasten in the construction of the new buildings, for which money was appropriated by the last Legislature. The high price of building materials at the present time has furnished one reason for not pressing work. Plans for these buildings are now being matured, and it is possible that some foundations may be laid this autumn.

A small wooden cottage, which was on the place at the time when the property was transferred to the trustees of this institution, has been remodelled and is now nearly ready for occupation. It will furnish accommodation for 20 male patients, who do not need constant supervision. In memory of Mr. Hyde it has been named the Hyde cottage.

Workshops have been arranged and furnished, and several patients now find in them pleasant and profitable occupation in woodworking, shoemaking, tailoring, printing and cane-seating. The carpenter's shop has been provided with suitable machinery.

Information of much value and interest is gradually being collected in relation to the best methods of care, occupation and treatment of the class of persons who are admitted to this institution, and we hope later to be able to make practical use of this for the public benefit.

Many needs are pressing upon the institution, but under the present conditions, when such high prices prevail, we only press our request for the following three appropriations; the special need of which is more fully explained in the superintendent's report: —

Current expense appropriation, . . . . .	\$15,000
Boiler house and boilers appropriation, . . . . .	25,000
Stone quarry appropriation, . . . . .	450

WILLIAM N. BULLARD, M.D., *Chairman,*  
ALBERT C. GETCHELL, M.D., *Secretary,*  
*For the Board of Trustees.*

## REPORT OF THE SUPERINTENDENT.

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*To the Trustees of the Massachusetts Hospital for Epileptics.*

It devolves upon me to make a report of some of the events of the last year, not only covering the short time of my own residence here, but the nine months of Dr. Copp's superintendency. This I shall of necessity do somewhat crudely, but I hope to bring forward all the essential points, so far as their presentation rests with me.

I offer the following tabulation of admissions, discharges, etc. : —

Number of patients Sept. 30, 1898,	.	.	.	.	.	.	.	.	200
Since admitted : —									
Sane,	.	.	.	.	.	.	.	.	78
Insane,	.	.	.	.	.	.	.	.	24
Discharged and on visit : —									
Sane. — Much improved,	.	.	.	.	.	.	.	.	3
Improved, .	.	.	.	.	.	.	.	.	16
Not improved, .	.	.	.	.	.	.	.	.	6
Died, .	.	.	.	.	.	.	.	.	1
On visit, .	.	.	.	.	.	.	.	.	3
									— 29
Insane. — Much improved,	.	.	.	.	.	.	.	.	2
Improved, .	.	.	.	.	.	.	.	.	5
Not improved, .	.	.	.	.	.	.	.	.	31
Died, .	.	.	.	.	.	.	.	.	16
Not epileptic, .	.	.	.	.	.	.	.	.	1
On visit, .	.	.	.	.	.	.	.	.	2
									— 57
Number of patients remaining Sept. 30, 1899,	.	.	.	.	.	.	.	.	216
Daily average of patients, .	.	.	.	.	.	.	.	.	206.43
Per capita cost (per week), .	.	.	.	.	.	.	.	.	\$4 50

One transfer of patients has been made from this institution to the Worcester Asylum, and conditions are rapidly returning when another would seem to be imperative. With the opening of Hyde cottage this date will be deferred more or less, but



admissions are so frequent that occasional transfers will be necessary until new buildings are completed.

An enumeration of some of the work completed or undertaken is as follows :—

Grading has been carried on very successfully, though a large amount still remains to be done.

The completion of Hyde cottage and naming it in memory of the late Mr. Hyde are matters of much moment.

The construction of an industrial room, by adding an extra story to the carpenter's shop, furnishes a most useful place for the occupation of twelve or more patients.

The purchase of machinery for the carpenter's shop, provided for by an appropriation of last winter, has been completed.

The laboratory work, now well begun, is going on satisfactorily. The plan for records has been still further carried out, and combines the case book and envelopes.

A small greenhouse for starting early vegetables has been constructed.

The great quantity of farm produce indicates the possibilities in this direction. Over 2,500 quarts of canned goods and preserves have been put up by the several kitchens, and these are now all in stock, ready for the winter's use. The following partial list will give an idea of the farm's productiveness :—

*Farm Products.*

87,096 quarts milk.	151 $\frac{3}{4}$ bushels tomatoes.
2,073 $\frac{1}{4}$ pounds rhubarb.	150 barrels apples.
5,059 pounds winter squash.	327 bushels onions.
1,200 bushels potatoes.	99 $\frac{3}{4}$ pounds asparagus.
3,458 pounds pork.	400 bushels turnips.
507 quarts strawberries.	139 $\frac{3}{4}$ pounds chickens.

The year's test of the sewage and water system has proved them both to be of remarkable efficiency. We should certainly feel that great wisdom and foresight have been exhibited in the construction of these fundamentals.

Since the last report the uncertainty as to the age of patients has been removed by an act of the Legislature, and the law now prescribes that persons of fourteen years of age or over may be admitted.

Special attention is being given to the dietary in the lines already marked out, and good results are observed.

*Patients Working.*

	Males.	Females.
Grading, . . . . .	15	—
Industrial building: —		
Chair-seating, . . . . .	1	—
Printing, . . . . .	2	—
Tailoring, cutting, . . . . .	1	—
Tailoring, sewing, . . . . .	3	2
Cobbling, . . . . .	1	—
Wood carving, . . . . .	1	—
Jobbing, . . . . .	1	—
Kitchens, . . . . .	6	7
Farm, . . . . .	14	—
Laundry, . . . . .	—	17
With yard man, . . . . .	2	—
Stone, . . . . .	12	—
Painting, . . . . .	2	—
On roads, . . . . .	2	—
Stable, . . . . .	1	—
Barn, . . . . .	3	—
Sewing room, . . . . .	—	15
Ward work, . . . . .	10	20
Administration building, . . . . .	—	4
Laboratory, . . . . .	1	—
Clerical, . . . . .	1	—
Spinning, . . . . .	—	1
Weaving, . . . . .	—	1
Totals, . . . . .	79	67

Some new industries have been established for patients. At times a larger group of women is employed in the kitchen for an hour or two when there is a large amount of vegetables to prepare. Several men work entirely without supervision.

While this large number of persons is induced to go to their work very regularly, the product of such labor is not in proportion to the number engaged. Nearly all these workers go out to their various places about 8 or 8.30 and return as early as 11.30. Some are able to work only half days at a time. Those who attend school, on rainy days do not generally do any work except their school work. For many such reasons the actual returns to us are less than would be indicated by the large number employed; but the result to the patient is what we mainly seek, and this is encouraging.

The plan for the management of Hyde cottage is to model,



as far as the conditions are the same, after one of the Bielefeld cottages. Patients are to be trusted, and attendance dispensed with, as far as possible. They will live under suitable restrictions, just as every law-abiding citizen must, but will be given every privilege that their mental state will allow.

An effort has been made to learn the number of epileptic persons in Hampden County. The assistance of the practicing physicians in the various communities has been freely afforded us, and we hope, also, by personal inquiry to obtain accurate facts as to the proportion of persons manifesting these symptoms. Later on a detailed account of special cases, now in the community and in hospitals, will be tabulated, and some useful results are expected.

Gifts to the hospital have been by the following donors :—

Books : Dr. B. R. Benner, Mrs. Mary Newcomb, Mrs. Samuel Overend, Mr. Sidney George Fisher, Mr. C. A. LeGro, Mrs. George Ezekiel.

Magazines, etc. : Miss Loomis, Missionary Committee Y. P. S. C. E. Second Congregational Church, Palmer, Mrs. W. H. Hitchcock, Dr. Bryant, Mr. George Ezekiel, Mr. C. A. LeGro, Mrs. Geo. Ezekiel.

Worsted : Mrs. Mabel W. Stedman.

Cloth and plants : Mrs. Samuel Overend.

All building material has advanced in price, but we believe that by making extra effort with our own labor and with the advantage that owning a stone quarry will bring, we shall be able to abide by the conditions of our appropriations. The present proposition is to go on with the plans and adapt and perfect them, do the excavating, build foundations, and then let contracts for buildings. Our expectation is to be able to provide the buildings specified by the last Legislature for the sum appropriated. We have no disposition to ask a further grant for this purpose.

An appropriation of \$20,000 was granted by the last Legislature for current expense ; of this, only \$15,000 will probably be expended up to the first of October, and it looks as if we may not need to use all of the last \$5,000 ; so that, in making an estimate of current expense appropriation for next year, we must take this into consideration.

The stone quarry on the hill, in the rear of our buildings, is for sale, and we should secure it, as the building material is convenient and suitable and will be very useful.

The present boiler plant is not adequate to the work, as three of the boilers are old and must be renewed. We can use them to good advantage for a year or two, but need immediately to be able to connect on a new and large boiler to insure good results for all weather, and to give us reserve in case of a boiler needing repairs. We certainly should take every forethought possible to insure our getting a new boiler house under way next season, and to provide means for at least one new boiler.

My view of the appropriations required for the coming year, based upon careful personal study of the situation and corroborated by a competent engineer, is as follows : —

Estimate for boiler room (two boilers), . . . .	\$25,000
Estimate for current expense, . . . . .	15,000
Stone quarry, . . . . .	450

EVERETT FLOOD,  
*Superintendent.*



## TREASURER'S REPORT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

I respectfully submit herewith the following report of the finances of this institution for the year ending Sept. 30, 1899 ;

### ASSETS.

Real estate, . . . . .	\$23,013 00	
New buildings, . . . . .	84,000 00	
Old buildings, . . . . .	37,470 24	
Water and sewerage systems, . . . . .	30,200 00	
		\$174,683 24

#### Personal estate :—

Live stock on the farm, . . . . .	\$4,870 00	
Produce of the farm on hand, . . . . .	4,804 50	
Carriages and agricultural implements, . . . . .	2,749 15	
Machinery and mechanical fixtures, . . . . .	20,650 78	
Beds and bedding in inmates' department, . . . . .	3,446 91	
Other furniture in inmates' department, . . . . .	4,647 89	
Personal property of State in administration		
building and employees' cottage, . . . . .	6,642 35	
Ready-made clothing, . . . . .	817 44	
Dry goods, . . . . .	823 60	
Provisions and groceries, . . . . .	1,770 87	
Drugs and medicines, . . . . .	1,140 80	
Fuel, . . . . .	3,332 00	
Library, . . . . .	575 00	
Other supplies undistributed, . . . . .	5,324 05	
		\$61,595 34

### RECEIPTS.

Cash on hand Oct. 1, 1898, . . . . .		\$1,824 37
Received from State appropriation for present		
year, . . . . .	\$12,983 27	
Received from State appropriation for 1898, . . . . .	10,308 82	
Received from State appropriation 1895 for		
building, . . . . .	5,872 67	
Received from State appropriation for furnish-		
ing and equipping, . . . . .	2,230 00	
		\$31,394 76
<i>Amounts carried forward, . . . . .</i>		\$1,824 37

<i>Amounts brought forward,</i>	\$31,394 76	\$1,824 37
Received from State appropriation 1899 for improvement, inside painting,	6 86	
Received from State appropriation 1899 for equipping workroom,	54 44	
Total from appropriations,		31,456 06
Received from State for board of patients,	\$10,894 05	
Received from towns for board of patients,	20,825 25	
Received from individuals for board of patients,	2,042 21	
Received from farm and farm produce,	820 08	
Received from patients for safe keeping,	294 48	
Received from all other sources,	211 59	
		35,087 66
Total receipts,		\$68,368 09

## EXPENDITURES.

Salaries, wages and labor,		\$22,162 94
Provisions and supplies:—		
Meat,	\$2,777 22	
Fish,	393 54	
Fruit and vegetables,	399 68	
Flour,	1,789 93	
Grain and meal for table,	240 90	
Grain and meal for stock,	1,755 30	
Tea, coffee and chocolate,	218 28	
Sugar and molasses,	911 49	
Milk, butter and cheese,	1,804 69	
Salt and other groceries,	558 59	
All other provisions,	1,009 05	
		11,858 67
Clothing,		1,525 62
Fuel and lights,		3,563 69
Medicine and medical supplies,		787 71
Furniture, beds and bedding,		593 71
Transportation,		610 68
Ordinary repairs,		1,776 69
Expenses of superintendent and trustees,		385 60
All other current expenses,		5,186 21
Total current expenditures,		\$48,451 52
Paid to patients,		349 72
Paid on account of patients,		21 80
Repairs and other extraordinary expenditures,		8,163 97
Total expenditures,		\$56,987 01
Cash on hand Sept. 30, 1899,		11,381 08
		\$68,368 09

*Statement of Appropriations.*

APPROPRIATION.	AMOUNT.	Expended previously.	Expended this Year.	Balance available.
Appropriation 1895, for buildings, . . .	\$160,000 00	\$148,207 09	\$5,872 67	\$5,920 24
Furnishing and equipping, . . . . .	22,750 00	20,510 00	2,230 00	-
Current expense, 1898, . . . . .	25,000 00	14,691 08	10,308 82	-
Current expense, 1899, . . . . .	20,000 00	-	12,983 27	7,016 73
Appropriation 1899, for furnishing cottage,	1,100 00	-	-	1,100 00
1899, for inside painting, . . . . .	500 00	-	6 86	493 14
1899, for machinery, . . . . .	750 00	-	-	750 00
1899, for equipping work- room.	500 00	-	54 44	445 56
1899, for infirmary building,	75,000 00	-	-	75,000 00
1899, for cottage, . . . . .	10,000 00	-	-	10,000 00
Totals, . . . . .	\$315,600 00	\$183,408 17	\$31,456 06	\$100,725 67

## RESOURCES.

Cash on hand, . . . . .	\$11,381 08
Bills receivable for board, . . . . .	9,371 43
Unexpended appropriations available, . . . . .	100,725 67
	<hr/>
	\$121,478 18

## LIABILITIES.

Salaries unpaid, . . . . .	\$1,950 19
Miscellaneous bills, . . . . .	649 95
Money due patients, . . . . .	205 53
	<hr/>
	2,805 67
Balance, . . . . .	<hr/>
	\$118,672 51
Taking the total current expenditures, . . . . .	\$48,451 52
And dividing this by the average number of patients (206.43),	
we have the average annual cost per patient, . . . . .	234 71
Equivalent to an average weekly cost of . . . . .	4 50

CHAS. B. FISKE,

*Treasurer.*

We have examined the foregoing statement, and believe it to be correct.

CHAS. A. CLOUGH,

BURNHAM R. BENNER,

*Auditing Committee for the Trustees.*





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# STATISTICAL TABLES.

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*1.—General Statistics for the Year.*

	INSANE.			SANE.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1898, . . . . .	82	89	171	14	15	29	96	104	200
Admitted within the year, . . . . .	20	4	24	46	32	78	66	36	102
Whole number of cases within the year, . . . . .	102	93	195	60	47	107	162	140	302
Discharged within the year, including visits, . . . . .	35	22	57	18	11	29	53	33	86
as recovered, . . . . .	—	—	—	—	—	—	—	—	—
as much improved, . . . . .	2	—	2	2	1	3	4	1	5
as improved, . . . . .	2	3	5	9	7	16	11	10	21
as not improved, . . . . .	19	12	31	4	2	6	23	14	37
as not epileptic, . . . . .	1	—	1	—	—	—	1	—	1
Deaths, . . . . .	10	6	16	1	—	1	11	6	17
Visits, . . . . .	1	1	2	2	1	3	3	2	5
Patients remaining Sept. 30, 1899, . . . . .	67	71	138	42	36	78	109	107	216
Viz : State patients, . . . . .	—	—	—	—	—	—	43	37	80
town patients, . . . . .	—	—	—	—	—	—	60	66	126
private patients, . . . . .	—	—	—	—	—	—	6	4	10
Number of different persons within the year, . . . . .	102	93	195	59	46	105	161	139	300
Number of different persons admitted within the year, . . . . .	20	4	24	45	32	77	65	36	101
Persons recovered, . . . . .	—	—	—	—	—	—	—	—	—
Daily average number of patients, . . . . .	—	—	—	—	—	—	105.77	100.66	206.43
Viz.: State patients, . . . . .	—	—	—	—	—	—	35.76	30.10	65.86
town patients, . . . . .	—	—	—	—	—	—	63.18	68.19	131.37
private patients, . . . . .	—	—	—	—	—	—	6.83	2.37	9.20

2. — *Monthly Admissions, Discharges and Averages.*

MONTHS.	ADMISSIONS.			DISCHARGES.			DEATHS.			DAILY AVERAGE OF PATIENTS IN THE HOSPITAL.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<b>1898.</b>												
October, . . . . .	9	2	11	3	2	5	2	1	3	98.35	101.45	199.80
November, . . . . .	5	3	8	6	5	11	1	1	2	97.93	100.50	198.43
December, . . . . .	8	1	9	-	4	4	-	-	-	103.74	97.97	201.71
<b>1899.</b>												
January, . . . . .	4	1	5	-	-	-	-	1	1	108.13	96.74	204.87
February, . . . . .	4	5	9	-	-	-	-	-	-	110.39	99.89	210.28
March, . . . . .	5	3	8	2	1	3	-	-	-	113.77	102.26	216.03
April, . . . . .	7	3	10	4	2	6	1	1	2	116.16	102.27	218.43
May, . . . . .	4	5	9	19	7	26	2	1	3	101.55	100.77	202.32
June, . . . . .	2	2	4	-	2	2	-	1	1	102.47	100.43	202.90
July, . . . . .	4	2	6	1	2	3	1	-	1	105.00	99.10	204.10
August, . . . . .	6	4	10	2	-	2	2	-	2	104.06	102.55	206.61
September, . . . . .	8	5	13	5	2	7	2	-	2	107.77	103.96	211.73
Total of cases, . . . . .	66	36	102	42	27	69	11	6	17	-	-	-
Total of persons, . . . . .	65	36	101	42	27	69	11	6	17	-	-	-
Daily average, . . . . .	-	-	-	-	-	-	-	-	-	105.77	100.66	206.43



3. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.		
	Males.	Females.	Totals.
First, . . . . .	65	35	100
Second, . . . . .	1	1	2
Total of cases, . . . . .	66	36	102
Total of persons, . . . . .	65	36	101

4. — *Relations to Hospitals of Cases admitted.*

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Inmates of this hospital only, . . .	49	32	81
Former inmates of this hospital only, .	1	1	2
Former inmates of other hospitals: —			
Boston Insane Hospital, . . .	1	—	1
Danvers Insane Hospital, . . .	1	—	1
Hospital Cottages for Children, .	4	1	5
Northampton Insane Hospital, .	1	—	1
State Almshouse, . . . . .	2	1	3
Taunton Insane Hospital, . . .	3	—	3
Worcester Insane Hospital and Hos- pital Cottages for Children.	2	—	2
Worcester Insane Hospital, . . .	2	—	2
Worcester Insane Asylum, . . .	—	1	1
Total of cases, . . . . .	66	36	102
Total of persons, . . . . .	65	36	101

5. — *Nativity and Parentage of Persons admitted.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patient.	Father.	Mother.	Patient.	Father.	Mother.	Patient.	Father.	Mother.
Massachusetts, .	40	11	10	22	8	2	62	18	12
Other States : —									
Connecticut, .	2	2	2	4	1	1	6	3	3
Maine, . . .	4	4	2	1	—	2	5	4	4
New Hampshire, .	3	1	2	—	—	1	3	1	3
New York, . .	2	1	3	—	1	—	2	2	3
Rhode Island, .	1	1	—	—	1	—	1	2	—
Vermont, . . .	2	2	1	—	—	—	2	2	1
Wisconsin, . .	—	—	—	2	—	—	2	—	—
Other countries : —									
Australia, . .	1	—	—	—	—	—	1	—	—
Canada, . . .	2	1	1	3	4	2	5	5	3
England, . . .	1	2	3	1	1	2	2	3	5
Germany, . . .	2	3	3	2	1	2	4	4	5
Ireland, . . .	1	10	10	1	8	12	2	18	22
Russia, . . .	1	1	1	—	1	1	1	2	2
Scotland, . . .	—	1	1	—	1	—	—	2	1
Wales, . . . .	—	1	1	—	—	—	—	1	1
Unknown, . . .	3	25	25	—	9	11	3	34	36
Totals, . . .	65	65	65	36	36	36	101	101	101

*6. — Residence of Persons admitted.*

COUNTIES.	Males.	Females.	Totals.
Berkshire, . . . . .	3	5	8
Bristol, . . . . .	4	2	6
Essex, . . . . .	5	3	8
Franklin, . . . . .	—	1	1
Hampden, . . . . .	7	4	11
Middlesex, . . . . .	7	4	11
Norfolk, . . . . .	2	1	3
Plymouth, . . . . .	3	1	4
Suffolk, . . . . .	26	12	38
Worcester, . . . . .	8	3	11
Totals, . . . . .	65	36	101

7. — Civil Condition of Persons admitted.

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			UNKNOWN.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	53	26	80	9	5	14	1	4	5	2	—	2	65	35	100
Second, . . . . .	1	1	2	—	—	—	—	—	—	—	—	—	1	1	2
Total of cases, . . .	54	27	82	9	5	14	1	4	5	2	—	2	66	36	102
Total of persons, . .	53	27	81	9	5	14	1	4	5	2	—	2	65	36	101



8. — *Occupation of Persons admitted.*

## MALES.

Advertising agent, . . . . .	1	Printer, . . . . .	1
Blacksmith, . . . . .	1	Salesmen, . . . . .	2
Cabinet maker, . . . . .	1	School teacher, . . . . .	1
Cigar makers, . . . . .	2	Upholsterers, . . . . .	2
Clerks, . . . . .	2	Weavers, . . . . .	3
Cook, . . . . .	1	Tailor's cutter, . . . . .	1
Farmers, . . . . .	2	No occupation, . . . . .	33
Janitor, . . . . .	1	Unknown, . . . . .	4
Laborers, . . . . .	7		
Peddler, . . . . .	1	Total, . . . . .	65

## FEMALES.

Domestics, . . . . .	5	Florist, . . . . .	1
Dressmakers, . . . . .	2	Laborer, . . . . .	6
Housewives, . . . . .	8	Machinist, . . . . .	1
School girl, . . . . .	1	Miner, . . . . .	1
No occupation, . . . . .	18	Musician, . . . . .	1
Unknown, . . . . .	2	Painter, . . . . .	1
Daughter or wife of—		Peddler, . . . . .	2
Baker, . . . . .	1	School teacher, . . . . .	1
Blacksmith, . . . . .	1	Sea captain, . . . . .	1
Carpenter, . . . . .	3		
Carriage maker, . . . . .	1	Total, . . . . .	57

9. — *Probable Causes of Disease in Persons admitted.*

	INSANE.			SANE.			Totals.
	Males.	Females.	Totals	Males.	Females.	Totals.	
Diphtheria, . . .	1	—	1	—	—	—	1
Dog bite, . . .	—	—	—	1	—	1	1
Fevers, . . .	—	1	1	—	—	—	1
Gonorrhœa, . . .	—	—	—	—	1	1	1
Heredity, . . .	—	—	—	—	1	1	1
Injury to head, . .	—	—	—	2	2	4	4
Intemperance, . .	1	—	1	1	—	1	2
Measles, . . .	—	—	—	1	—	1	1
Menstruation, . .	—	—	—	—	3	3	3
Overwork, . . .	—	—	—	—	1	1	1
Self abuse, . . .	—	—	—	2	—	2	2
Sunstroke, . . .	—	—	—	1	—	1	1
Tobacco, . . .	—	—	—	3	—	3	3
Vaccination, . . .	—	—	—	2	—	2	2
Unknown, . . .	18	3	21	32	24	56	77
Totals, . . .	20	4	24	45	32	77	101

10. — *Record of Cases admitted within the Year.*

PATIENTS.	INSANE.			SANE.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted, . . . . .	20	4	24	46	32	78	66	36	102
Discharged, recovered, . . . . .	—	—	—	—	—	—	—	—	—
much improved, . . . . .	—	—	—	2	—	2	2	—	2
improved, . . . . .	2	—	2	5	6	11	7	6	13
not improved, . . . . .	2	1	3	3	—	3	5	1	6
not epileptic, . . . . .	1	—	1	—	—	—	1	—	1
died, . . . . .	—	—	—	1	—	1	1	—	1
on visit, . . . . .	—	1	1	2	1	3	2	2	4
Remaining Sept. 30, 1899, . . . . .	15	2	17	33	25	58	48	27	75
Number likely to recover, . . . . .	—	—	—	—	4	4	—	4	4
Number likely to improve, . . . . .	1	2	3	7	6	13	8	8	16





## 12. — Reported Duration of Disease before Last Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	2	2	4	3	—	3	5	2	7
Under 1 month, . . . . .	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	—	—	—	—	—	—
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	3	1	4	—	—	—	3	1	4
1 to 2 years, . . . . .	2	—	2	—	—	—	2	—	2
2 to 5 years, . . . . .	7	4	11	—	—	—	7	—	7
5 to 10 years, . . . . .	4	5	9	3	5	8	7	10	17
10 to 20 years, . . . . .	19	5	24	4	3	7	23	8	31
Over 20 years, . . . . .	10	7	17	4	1	5	14	8	22
Unknown, . . . . .	1	—	1	4	2	6	5	2	7
Total of cases, . . . . .	48	24	72	18	12	30	66	36	102
Total of persons, . . . . .	48	24	72	17	12	29	65	36	101
Average duration in years, . . . . .	13.95	14.09	14.02	12.32	10.7	11.5	13.13	12.39	12.76

## 14. — Discharges, classified by Admission and Result.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			NOT EPILEPTIC.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —																					
First, . . . . .	—	—	—	2	—	2	3	4	7	19	12	31	1	—	1	10	6	16	35	22	57
B. — Sane epileptics : —																					
First, . . . . .	—	—	—	2	1	3	11	8	19	4	2	6	—	—	—	1	—	1	18	11	29
Total of cases, . . . . .	—	—	—	4	1	5	14	12	26	23	14	37	1	—	1	11	6	17	53	33	86
Total of persons, . . . . .	—	—	—	4	1	5	14	12	26	23	14	37	1	—	1	11	6	17	53	33	86

## 15. — Causes of Death.

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system : —									
Epilepsy, . . . . .	—	1	1	—	—	—	—	1	1
Status epilepticus, . . . . .	1	—	1	—	—	—	1	—	1
Cerebral abscesses, . . . . .	1	—	1	—	—	—	1	—	1
Softening of the brain, . . . . .	—	1	1	—	—	—	—	1	1
Paresis, . . . . .	—	1	1	—	—	—	—	1	1
Circulatory system : —									
Central thrombosis, . . . . .	1	—	1	—	—	—	1	—	1
Fatty degeneration of the heart, . . . . .	3	—	3	—	—	—	3	—	3
Digestive system : —									
Perityphlitis, . . . . .	1	—	1	—	—	—	1	—	1
Genito-urinary system : —									
Chronic diffuse nephritis, . . . . .	1	—	1	—	—	—	1	—	1
Chronic interstitial nephritis, . . . . .	—	1	1	—	—	—	—	1	1
Respiratory system : —									
Pulmonary tuberculosis, . . . . .	2	—	2	—	—	—	2	—	2
General : —									
Carcinoma, . . . . .	—	1	1	—	—	—	—	1	1
Malnutrition and exhaustion, . . . . .	—	—	—	1	—	1	1	—	1
Senility, . . . . .	2	1	1	—	—	—	—	1	1
Totals, . . . . .	10	6	16	1	—	1	11	6	17





## FARM PRODUCTS

FROM OCT. 1, 1898, TO OCT. 1, 1899.

87,096	quarts milk,	.	.	.	.	.	.	.	.	\$3,483 84
504	dozen eggs,	.	.	.	.	.	.	.	.	126 00
93	tons hay,	.	.	.	.	.	.	.	.	1,395 00
11	tons meadow hay,	.	.	.	.	.	.	.	.	88 00
175	tons ensilage,	.	.	.	.	.	.	.	.	525 00
152	tons green fodder,	.	.	.	.	.	.	.	.	304 00
99 $\frac{3}{4}$	pounds asparagus,	.	.	.	.	.	.	.	.	9 96
2,073 $\frac{1}{4}$	pounds rhubarb,	.	.	.	.	.	.	.	.	82 93
507	quarts strawberries,	.	.	.	.	.	.	.	.	50 70
125	quarts currants,	.	.	.	.	.	.	.	.	12 50
304	bunches radishes,	.	.	.	.	.	.	.	.	30 40
4,388	heads lettuce,	.	.	.	.	.	.	.	.	43 88
17 $\frac{3}{4}$	bushels green peas,	.	.	.	.	.	.	.	.	17 75
4,388	cucumbers,	.	.	.	.	.	.	.	.	87 75
8	bushels cucumbers for pickles,	.	.	.	.	.	.	.	.	12 00
10,613	ears sweet corn,	.	.	.	.	.	.	.	.	106 13
151 $\frac{3}{4}$	bushels tomatoes,	.	.	.	.	.	.	.	.	76 87
56	bushels beet greens,	.	.	.	.	.	.	.	.	28 00
533	pumpkins,	.	.	.	.	.	.	.	.	26 65
6	bushels pears,	.	.	.	.	.	.	.	.	9 00
5,059	pounds winter squash,	.	.	.	.	.	.	.	.	50 59
200	summer squash,	.	.	.	.	.	.	.	.	10 00
32	bushels garden beans,	.	.	.	.	.	.	.	.	32 00
5	bushels seed sweet corn,	.	.	.	.	.	.	.	.	5 00
1	bushel quinces,	.	.	.	.	.	.	.	.	1 00
2	bushels seed beans,	.	.	.	.	.	.	.	.	4 00
10	bushels carrots,	.	.	.	.	.	.	.	.	5 00
75	pounds horseradish,	.	.	.	.	.	.	.	.	1 50
3 $\frac{1}{4}$	bushels bell peppers,	.	.	.	.	.	.	.	.	4 87
1,200	bushels potatoes,	.	.	.	.	.	.	.	.	600 00
<i>Amount carried forward,</i>										\$7,230 32



## ARTICLES MADE IN THE SEWING ROOM AND ON THE WARDS.

---

Sheets, . . . . .	475	Dresses, . . . . .	117
Pillow cases, . . . . .	145	Aprons, . . . . .	309
Pillow ticks, . . . . .	75	Skirts, . . . . .	131
Table cloths, . . . . .	34	Night dresses, . . . . .	117
Napkins, . . . . .	256	Chemises, . . . . .	72
Curtains, . . . . .	72	Drawers, pairs, . . . . .	163
Bureau covers, . . . . .	32	Coats, . . . . .	3
Commode covers, . . . . .	2	Frocks, . . . . .	13
Towels, . . . . .	636	Bibs, . . . . .	12
Clothes bags, . . . . .	20	Suspenders, pairs, . . . . .	55
Rugs, . . . . .	44	Garters, pairs, . . . . .	28
Dusters, . . . . .	37	Shirts, . . . . .	129
Oven cloths, . . . . .	5	Overalls, pairs, . . . . .	27
Camphor bags, . . . . .	100	Trousers, pairs, . . . . .	5
Floor swabs, . . . . .	215	Vests, . . . . .	3
Scrub cloths, . . . . .	86	Stockings, pairs, . . . . .	5
Holders, . . . . .	60	Night shirts, . . . . .	61
Screen fillings, . . . . .	10	Neckties, . . . . .	9
Stretcher, . . . . .	1	Mittens, pairs, . . . . .	72
Carriage covers, . . . . .	5	Blouses, . . . . .	10
Strainers, . . . . .	2	Bandages, . . . . .	98
Tea and coffee bags, . . . . .	15	Caps, . . . . .	10
Telephone cover, . . . . .	1	Corset waists, . . . . .	15
Violin case, . . . . .	1	Suits for burial, . . . . .	8

## ARTICLES MADE AND REPAIRED IN INDUSTRIAL ROOM.

---

Shoes, pairs, . . . . .	6	Checker boards, . . . . .	8
Slippers, pairs, . . . . .	30	Shoe benches, . . . . .	2
Shoes repaired, pairs, . . . . .	431	Shoe rack, . . . . .	1
Harnesses repaired, . . . . .	4	Pillows renovated, . . . . .	250
Blanks printed, . . . . .	26,925	Tag holders, . . . . .	335
Overalls, pairs, . . . . .	101	Whisk brooms, re sewed, . . . . .	64
Denim frocks, . . . . .	27	Razor straps, . . . . .	2
Suits, . . . . .	5	Boxes covered, . . . . .	4
Trousers, pairs, . . . . .	7	Razor straps repaired, . . . . .	10
Chairs repaired, . . . . .	511	Bases for base ball nine, . . . . .	3
Carriage repaired, . . . . .	1	Curtains repaired, . . . . .	50
Type rack, . . . . .	1	Weekly paper, copies, . . . . .	1,600
Tables, . . . . .	2	13 weeks, 200 copies printed	
Boxes, . . . . .	3	at each issue.	
Crumb scrapers, . . . . .	8		



## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

---

Superintendent, per year, . . . . .	\$2,500 00
Assistant physician, per year, . . . . .	1,250 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	400 00
Stenographer, per month, . . . . .	30 00
Steward and storekeeper, per month, . . . . .	50 00
Pharmacist, per month, . . . . .	30 00
Night attendants (men, 2), per month, . . . . .	27 00
Attendants (men, 9), per month, . . . . .	\$20 00-27 00
Night attendants (women, 2), per month, . . . . .	18 00
Attendants (women, 9), per month, . . . . .	14 00-22 00
Engineer, per year, . . . . .	850 00
Assistant engineer, per month, . . . . .	50 00
Fireman, per month, . . . . .	28 00
Helper, per month, . . . . .	30 00
Watchman, per month, . . . . .	30 00
Baker, per month, . . . . .	30 00
Cooks (4), per month, . . . . .	20 00-25 00
Assistant cooks (2), per month, . . . . .	16 00-18 00
Table girls (2), per month, . . . . .	16 00-18 00
Foreman industrial room, per month, . . . . .	27 00
Seamstress, per month, . . . . .	25 00
Laundress, per month, . . . . .	20 00
Laundryman, per month, . . . . .	25 00
Assistant laundresses (2), per month, . . . . .	17 00-18 00
Farmer, per year, . . . . .	650 00
Assistant farmers (9), per month, . . . . .	20 00-28 00
Handy man, per month, . . . . .	33 00
Gardener, per month, . . . . .	40 00
Driver, per month, . . . . .	28 00
Carpenter, per day, . . . . .	2 50
Painter, per day, . . . . .	1 75

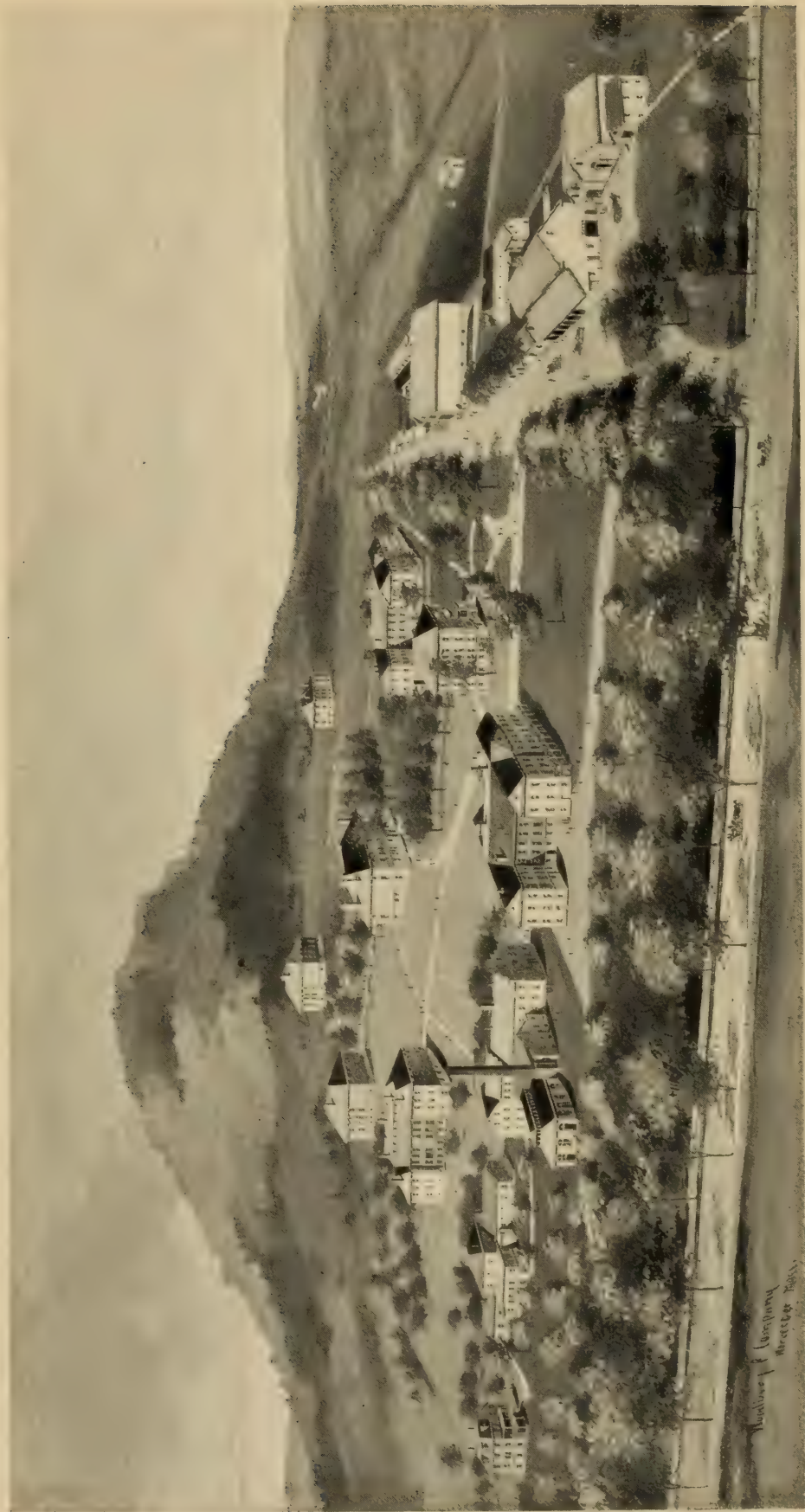












BIRD'S-EYE VIEW OF THE MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER)

FOR THE

YEAR ENDING SEPTEMBER 30, 1900.



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1901.  
C.





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OF THE

MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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TREASURER.

CHARLES B. FISKE,	. . . . .	PALMER.
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OFFICE AT THE HOSPITAL.



# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Massachusetts Hospital for Epileptics respectfully present the following report for the year ending Sept. 30, 1900.

The time has been busily employed in the various activities pertaining to the work in hand. The most important enterprise of the year has been the erection of the new buildings provided for by the legislative appropriation of \$85,000 in 1899. As noted in the preceding report, some delay in this work was occasioned by changes in the personnel of the administration and by a prudent hesitation in view of the prevailing high prices of last year. However, these conditions furnished a happy compensation in extending the time for studying the scheme and maturing the plans. Finally, ground was broken in the early spring, and construction is now in progress and fairly well advanced. The new buildings consist of an infirmary group of one main building and two lesser ones, a cottage for women and a kitchen and dining-room building, which includes an industrial room on the upper floor. They are all severely plain in architectural outline and interior finish, but substantial in utility and convenience.

The infirmary building proper is designed to accommodate 40 patients of both sexes, selected from those who need extra medical care and nursing. On the first floor there is a large dispensary, an operating room and another for laboratory work. The second floor contains apartments for medical assistants, and, also, two spacious rooms which for the present may be occupied by nurses, though intended ultimately for the use of special cases among the patients, — a separate home for nurses

being one of our future needs and hopes. Space left in the attic of this building will be convenient for the use of night attendants, or other purposes, as required. In the basement is a large room for a mortuary, one for a special diet kitchen, and a third designed for hydrotherapeutic treatment, which will be available for patients from all parts of the hospital. The two smaller infirmary buildings are alike in form, one for women and the other for men. Each is two stories high and the second floors are duplicates of the first, being divided into a pleasant dormitory for the care of the bedridden, aged and crippled, a bath and clothes room, a room for attendants and a section by itself for observation cases and those temporarily agitated or noisy. Either building easily and comfortably provides for 30 patients.

The separate or general cottage for women is located some distance away from the preceding group, in view of the likelihood of its being the first of another series. Twenty women is the regular number intended for this building, but there will be room to spare for supplementary demands.

The next to be described is the building containing kitchen, dining-room and workshop. As there seemed to be no incongruity in associating these functions, and as their union encouraged constructive economy, it was thought well to include them under the same roof. The kitchen and dining-room are on the first floor, the industrial room or workshop on the floor above. One end of the basement offers a good situation for a bakery and the other a place for general work, yet to be considered. The kitchen is of ample size and when fully equipped will satisfy the wants of 500 patients, an elastic margin having been allowed for contingencies which may arise hereafter. The dining-room, also, is of generous dimensions. The industrial room will measure 100 by 50 feet, and is to be finished into the roof and well lighted by windows and skylights. It will be capable of various uses, combining, as occasion calls for, besides its regular vocations, the purposes of sociability and entertainment. This department can hardly fail to be one of the most practical and interesting of any on the ground.

All these buildings are to be supplied with water from the excellent general system; steam heat will be conveyed from the central boiler plant through a well-constructed conduit;



connection will be made with the sewer mains, in common with the older buildings, and electric lighting power will be transmitted by the most successful methods. It is expected that all the buildings will soon be closed in, and finished in the course of the coming winter.

The Legislature of 1900 authorized an expenditure of \$25,000 for the purpose of extending the old boiler plant, which had become inadequate to the larger growth of the hospital. With this fund a satisfactory building has been constructed, two large boilers placed in position — with the necessary pumps and other connections — and the foundations laid for four additional boilers of the same type.

The sum of \$450 was also allowed by the Legislature of 1900 for the purchase of the stone quarry on the hill adjoining the hospital land on the east. This has proved a clear benefit in more ways than one. It is estimated to have already saved the hospital \$950 on foundation stone, besides the advantage of better and heavier material than would otherwise have been obtained. The quarry has thus paid a handsome return on its cost; it gives useful employment to patients in breaking the stone for grading, or other purposes, and will doubtless supply the hospital with all its future requirements. It is, indeed, a kind of proprietary mascot and promises a large reserve of good fortune.

During the year the greenhouse has been enlarged and improved by the hospital force, and considerable inside painting has been done from the legislative allowance of 1899, giving the walls and ceilings a much-needed covering and adding greatly to their general finish and attractiveness.

It has been considered advisable this year to lease and occupy an adjoining farm, on account of the need of more pasturage, etc. The property contains 120 acres and includes a set of old farm buildings which, with the necessary changes and repairs, can be utilized for patients and employees. It also represents the main water-shed, from whence comes the flow into the hospital ice pond, rendering its control very desirable. That an extension of the present farming area will become practically indispensable in the near-by future, both for its value in return products and as an aid in developing plans for employment of patients, can scarcely be questioned. The ownership of this

farm is therefore believed to be a wise foresight ; and the favorable terms of the present leasehold will enable its purchase at the reasonable price of \$3,500, which sum it is hoped the Legislature will approve for that purpose at the next session.

In the matter of current expense account it seems needful to ask for \$15,000, the same as last year, though the larger number of patients makes the proportionate amount substantially less. In addition to this, an appropriation of something over \$45,000 is desired for special objects (but including the farm purchase, as already outlined), which are described more fully in the report of the superintendent.

Within the past year the hospital has received from Mrs. Hyde, the widow of our former associate trustee, Wm. S. Hyde, the gift of a choice library for the cottage named in his memory. The donor is assured of an earnest appreciation of her thoughtful interest.

Dr. Albert C. Getchell, the faithful secretary of the Board, resigned early in the year, having been appointed a trustee of the Massachusetts State Sanatorium at Rutland. His excellent abilities and practical sense gave him a high value among his fellow members. The place of secretary was filled by the election of Mr. Charles A. Clough, and the vacancy on the Board was made up by the appointment of Dr. Henry P. Jaques.

Those more directly in touch with the daily affairs of the hospital deserve a word of commendation and encouragement. The superintendent, Dr. Flood, has proved himself able, progressive and resourceful, and in sympathy with humane principles of management. Drs. Morton and Hodskins are doing good work and gaining in usefulness and experience. The others in advanced positions, and those in humbler places have, in general, performed their parts with cheerful loyalty and faithfulness.

The work is of a peculiarly harassing and responsible kind. The sun never sets on effort completed and is sure to rise on a series of new problems and pressing cares. To maintain a capable administration in the right spirit is to draw inspiration from a high standard of service and not from its depressing associations, which are only too obvious and characteristic. The altruistic sentiment must be unwavering, kept constantly in the foreground and fortified by dutiful resolve. The care

of the disabled and dependent classes, to paraphrase a familiar modern version, is “the well man’s burden;” and, whatever reserves the future may have in the way of social reform and prevention, the burden is now with us, and must be borne as submissively as may be. It can only be removed by a slow progress, in obedience to a socio-scientific enlightenment, towards which our civilization, perchance, is tending but has not yet reached. But, even under present conditions, it may be that the reactive influence for good upon the community supporting and carrying on this philanthropic work is something of an offset to the self-sacrificing outlay.

BURNHAM R. BENNER, *Acting Chairman,*  
*For the Trustees.*



## REPORT OF THE SUPERINTENDENT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The following report is respectfully submitted :—

Number of patients Sept. 30, 1899,	.	.	.	.	.	.	.	.	216
Since admitted :—									
Sane (3 from visit),	.	.	.	.	.	.	.	.	76
Insane (1 from visit),	.	.	.	.	.	.	.	.	26
Discharged and on visit :—									
<i>Sane.</i> —Much improved,	.	.	.	.	.	.	.	.	5
Improved,	.	.	.	.	.	.	.	.	23
Not improved,	.	.	.	.	.	.	.	.	9
Died,	.	.	.	.	.	.	.	.	7
On visit,	.	.	.	.	.	.	.	.	9
								—	53
<i>Insane.</i> —Much improved,	.	.	.	.	.	.	.	.	1
Improved,	.	.	.	.	.	.	.	.	3
Not improved,	.	.	.	.	.	.	.	.	5
Died,	.	.	.	.	.	.	.	.	12
On visit,	.	.	.	.	.	.	.	.	1
								—	22
Number of patients remaining Sept. 30, 1900,	.	.	.	.	.	.	.	.	243
Daily average of patients,	.	.	.	.	.	.	.	.	225.61
Per capita cost (per week),	.	.	.	.	.	.	.	.	\$4.52+

### NEW BUILDINGS.

During the year a large amount of work has been carried on apart from the regular routine. The largest portion of this extra work has been in connection with the new buildings.

The entire plant of new buildings is now largely roofed in, and so far the locations of the buildings, the interior planning and the general design seem to work out in a satisfactory manner. The buildings are very plain. As to the substantial character and durability I think we should feel well pleased.



The plans for these buildings were adopted after careful study and the means for classification has been one of the considerations.

#### CLASSIFICATION.

We shall have in this plant a complete hospital group, with facilities for treatment, laid out on a scale large enough for greatly increased growth. We have also the elements of other groups adapted to the care and treatment of the several conditions.

#### GRADING, ETC.

A large amount of work will be required about the grounds to properly drain and grade. This we hope to do by our own force, but the process will of necessity extend over a long period of time.

#### FURNISHING.

We expect to have these buildings fully completed during the winter months, and an appropriation for the furnishings will be a necessity. In this furnishing, provision should be made for all who can be housed in the present buildings and careful forethought taken for future growth. The kitchen and workshop are especially designed to ultimately care for a much larger number than can be housed at present.

#### HEATING.

The heating system for the new buildings has been put in by day work under the direction of an engineer. This method was adopted in order to better take advantage of the work of patients and because of diminished cost.

#### CONDUIT.

The conduit system which has been adopted is one which has been well tested in several places and the results have been highly satisfactory. This work is done by putting an open joint tile drain at the bottom of the trench and covering it with broken stone. Upon the broken stone is placed the lower half of a large-sized split tile pipe, with the concavity up. At intervals of 20 feet a piece of T pipe is placed, with the side opening on the stone. This opening is then filled in with

cement. A frame is set in holding rollers upon which the steam pipes rest. All the joints between sections are thoroughly imbedded in cement. After the steam pipes are laid the upper half of the tile covering is placed on, section by section, with thin cement in the joints, and all the space inside is filled in with insulating material consisting of ground cork rolled in infusorial earth. Allowance is made for expansion by offsets and joints inside the buildings. Steam is carried in all about 1,700 feet.

#### YEAR'S WORK.

The following summary comprises many details of the work of the year. Considerable new furniture has been made and the machinery which was purchased for the carpenter's shop has added very largely to this result. More than 100 pictures have been beautifully framed. We can probably manufacture furniture for the new buildings to a large extent.

A large amount of work has been completed in the interior of Hyde Cottage, so that the building is now occupied by 20 patients. Twelve patients are soon to be housed in the Farm Cottage and considerable work has been done in renovating these buildings and grounds.

Some stone sheds have been constructed near the quarry and twelve summer shelters for pigs built in a distant pasture. Old material from discarded buildings was used for all these structures.

A small greenhouse was constructed last year and this year we have been able by our own force to add to this, so that we now possess a very fair greenhouse outfit. With this we hope to be able to supply a moderate amount of winter vegetables and flowers for the wards.

The present room for industrial purposes furnishes occupation for 15 patients. Appliances have been added to this room so that a large amount of work has been carried on during the entire year. This will be seen by reference to the list below. The work has comprised cutting and making suits, overalls and jumpers, under garments, mittens, etc., the making and repairing of boots, shoes and slippers, making pillows, reseating chairs, printing; and in the main has resulted in occupying a large number of patients and in a large increase



in the work completed. The industrial room in the new buildings will be much larger than the present one.

In the wards several pursuits have been followed besides that of the routine housekeeping.

The sewing-room has been carried on with results as shown in the table appended. Spinning, weaving and knitting have been moderately successful as occupations for some women though we plan to do much more in these directions the coming season. One of the minor details of the women's work has been in making soft bed socks for those who suffer from cold feet. They are a source of great comfort to many patients with enfeebled circulation.

The laundry work has been carried on as formerly and has furnished occupation for a considerable number of both men and women, while the kitchens and offices have supplied their usual amount of industries. It has been the effort to keep everybody occupied, not so much for the advantage of getting the work done as for the benefit derived by the worker.

The group of men who have worked with the gardener has also done considerable in the way of grading around the buildings.

The farm has occupied a large number of men and boys, and during the fall apple picking has furnished a light and pleasant occupation for a large group of the slightly disabled and weaker class of boys.

In every other department there have been the same industry and earnestness exhibited.

The gas machine which furnished the old institution with its light has been remodelled by odd jobs, so that now we have a very admirable equipment, with which the irons in the laundry and industrial room are heated, a gas jet supplied for the boiler room and gas stoves for the night attendants. It is also planned to connect this same supply with the new infirmary, to provide gas for the diet kitchen and laboratory. Alarm bells to be used in case of fire have been located in three places.

*Table showing Persons employed and in what Way.*

	Males.	Females.
Grading, . . . . .	20	-
Industrial building:—		
Chair-seating, . . . . .	1	-
Printing, . . . . .	2	1
Tailoring, cutting, . . . . .	1	-
Tailoring, sewing, . . . . .	2	3
Cobbling, . . . . .	1	-
Jobbing, . . . . .	1	-
Kitchens, . . . . .	8	10
Laundry, . . . . .	3	20
With yard man, . . . . .	2	-
Stone, . . . . .	15	-
Painting, . . . . .	2	-
On roads, . . . . .	2	-
Stable, . . . . .	2	-
Sewing-room, . . . . .	-	22
Ward work, . . . . .	12	20
Administration building, . . . . .	-	4
Laboratory, . . . . .	1	-
Clerical, . . . . .	1	-
Spinning, . . . . .	-	1
Weaving, . . . . .	-	1
Farm:—		
Such work as apple picking, barn, vegetable garden, clearing land, cutting brush, ditching, teaming, tending sheep, tending cows, milking, with gar- dener, . . . . .	25	-
Totals, . . . . .	101	82

### TRAINING SCHOOL.

The training school for nurses has been carried on throughout the year and we are about to start on our second year's course. An instructive prospectus is already in print and we expect to realize an increased enthusiasm and efficiency such as were foreshadowed by the first term's work. We expect to teach nurses not only how to care for the nervous invalid, but to a large degree to make them competent to do general nursing. An effort is made to instruct the nurses as to the rules and customs of the institution, to imbue them with a spirit of kindness and fraternity towards their patients and to help them realize the increased value of the services of nurses trained to be ladies and gentlemen. The scope of this work will be much enlarged when the infirmary is opened.



### UNIFORM.

We shall hope a little later on to introduce for the male attendants a suitable uniform. This has already been adopted by the women.

### SCHOOL.

A school for the younger members of the institution was established some years ago and this we are maintaining as a very useful adjunct to our work, though it has seemed wise to divide it into two departments, one for boys and one for girls.

### ENTERTAINMENTS.

A system of entertainments has been carried out, such as dances, readings, concerts, picnics during the summer, ward amusements for evenings and Sundays, a masquerade dance, a drama and one or two electric car rides for a group of the patients. For the last item our thanks are due to Miss Grace Pitts of Athol.

Arrangements are completed for similar entertainments during the coming winter, and in addition to these we hope to complete the large tent, which is now one-third done, for outdoor amusements when the spring weather opens.

### RELIGIOUS SERVICES.

Services have been held at regular intervals by clergymen of the different denominations. Kindly visitations have also been made from time to time by Reverend Father Donoghue.

### RECORDS.

The system of medical records and the photographing of cases have been faithfully carried out.

### TREATMENT.

The work with the static machine and the dispensary and laboratory work have been industriously followed up and we believe that much benefit has been derived thereby.

The difficulties of treatment in this particular branch of work are thoroughly appreciated, and we have no disposition to minimize these or to assume a hopefulness which is not thoroughly warranted by experience. A personal element

must be introduced in individualizing cases and the effort is to inspire the patient with the right degree of hope. The methods of treatment have been somewhat further elaborated this year, though the perfection of methods can only be attained when we are able to occupy our new infirmary and to introduce a more systematic treatment and several methods not now available.

It has always been the plan to administer medicine where needed but to do this rather sparingly, other means seeming more efficient. The element of discipline is considered, helping a patient to become self-contained and not self-conscious; and as a matter of fact great improvement is noted in nearly all cases after they become accustomed to the routine.

The regularity of life, diet, sleep, work, the baths, massage and electric treatment have so far constituted our main reliance. We hope to carry out, in addition to this hydrotherapeutic treatment, hot-air treatment, Swedish movement and suggestion, with whatever medical treatment may be found to be efficient.

#### PER CAPITA COST.

The per capita cost, as evidenced by the treasurer's report, shows a slight apparent increase over that of last year, but this is not a real increase. We have to take into consideration that our farmers have done a large amount of work in connection with the new buildings; that the progress of the work in our proximity has made many calls upon us which have really been matters of considerable expense; and that an amount of coal has been purchased for warming these new buildings before they are occupied by patients. These with other items make the cost a few cents larger than last year, though by estimating, with proper allowance for these extraordinary expenses, the per capita cost is rather less than ever before.

#### ILLUSTRATION.

The work at this institution is so new and comparatively unknown that it has been thought desirable to print an illustration giving a bird's-eye view of the whole plant; this seems to have been admirably executed and will give a very faithful record of our present condition.



### MEDICAL STAFF, ETC.

There has been no change in the medical staff this year. Very satisfactory work has been done and my acknowledgments are gratefully rendered for faithful and efficient service to my assistant physicians and office force, as well as to all other helpers in the hospital, to whose conscientious efforts the success of the year's work is largely due.

### METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital have been many times inquired about. They are as follows:—

1. The regular insane commitment, such as is used at the insane hospitals.

2. The sane indigent; in this case the approval of a judge is required in addition to the physicians' certificate and the notification of the town authorities.

3. The sane private, in which two sureties are required to sign the patient's application.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be required at home.

### LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany Railroad between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London & Northern division of the Central Vermont. The Ware River branch of the Boston & Albany Railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston and the railroad fare is \$1.90.

### LECTURERS.

In connection with the training class of last year, our thanks are due to the following gentlemen for lectures delivered: Dr. Getchell and Dr. Miller of Worcester, Dr. Schneider, Dr. Hendee and Dr. Holbrook of Palmer, and Dr. Fuller and Dr. Rand of Monson.

## ENTERTAINMENTS.

Our thanks for evening entertainments are hereby rendered to Rev. F. S. Hatch and Mrs. Norcross of Monson, Rev. Father Donoghue of Palmer and Rev. Mr. Gerrish of Thorndike.

## DONATIONS.

We also gladly acknowledge donations to the hospital from the following persons: Rev. W. H. Hart, Mrs. Hitchcock, Miss Mabel W. Sedgwick, Mrs. George Ezekiel, Mr. Frank Carpenter, Mr. W. D. Clark, Mr. C. F. Grosvenor, Mr. C. E. Fish and Mr. Frank A. Royce of Palmer, Mrs. W. S. Hyde of Ware, Rev. Dr. J. S. Lemon and Mrs. A. S. Butler of Gardner, and Mrs. Celeste Hulbert of Oakland, Cal.

## APPROPRIATIONS.

The details of the appropriations as they appear to be required are given below. Each one of these items has been made up with care, and with the same eye to economy of expenditure that we would use in our private business. There are many other matters requiring outlay of money, but with the purpose of reducing our appropriation to the lowest figure consistent with good management, we have eliminated from the list all except what are considered pressing and important matters. I earnestly recommend making application for these detailed sums.

1. Current expenses, . . . . .	\$15,000 00
2. Furnishings for new buildings, . . . . .	22,400 00
3. Special fittings and appliances for infirmary, kitchen, industrial room, etc., . . . . .	2,500 00
4. Laundry machinery, . . . . .	3,500 00
5. Extension of electric light plant, . . . . .	600 00
6. Piggery, . . . . .	2,000 00
7. Coal shed, . . . . .	3,200 00
8. Purchase of farm, . . . . .	3,500 00
9. Repair and extension of farm buildings, . . . . .	5,000 00
10. Purchase of additional land, . . . . .	1,000 00
11. Inside painting, . . . . .	1,100 00
12. Additional furnishings for present offices, . . . . .	400 00
	<hr/>
	\$60,200 00

EVERETT FLOOD,

*Superintendent.*



## TREASURER'S REPORT.

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*To the Trustees of the Massachusetts Hospital for Epileptics.*

I beg to submit herewith the following report of the finances of this institution for the year ending Sept. 30, 1900 :—

ASSETS.		
Real estate, . . . . .	\$23,013 00	
New buildings, . . . . .	85,000 00	
Old buildings, . . . . .	37,770 00	
Water and sewerage systems, . . . . .	30,200 00	
		\$175,983 00
Personal estate :—		
Live stock on the farm, . . . . .	\$4,941 50	
Produce of the farm on hand, . . . . .	5,486 80	
Carriages and agricultural implements, . . . . .	2,879 30	
Machinery and mechanical fixtures, . . . . .	20,906 16	
Beds and bedding in inmates' department, . . . . .	3,743 90	
Other furniture in inmates' department; . . . . .	5,264 02	
Personal property of State in administration		
building and employees' cottage, . . . . .	7,026 54	
Ready-made clothing, . . . . .	765 98	
Dry goods, . . . . .	1,801 73	
Provisions and groceries, . . . . .	2,075 01	
Drugs and medicines, . . . . .	890 07	
Fuel, . . . . .	5,844 00	
Library, . . . . .	560 00	
Other supplies undistributed, . . . . .	5,986 73	
		\$68,171 74
RECEIPTS.		
Cash on hand Oct. 1, 1899, . . . . .	\$11,381 08	
Received from State appropriations :—		
Appropriation 1895 for building, . . . . .	\$5,920 24	
Cottage for patients, 1899, . . . . .	6,076 40	
Infirmary building, 1899, . . . . .	21,183 69	
<i>Amounts carried forward, . . . . .</i>	\$33,180 33	\$11,381 08

<i>Amounts brought forward,</i>		\$33,180 33	\$11,381 08
Received from State appropriations — <i>Con.</i>			
Furnishing men's cottage, 1899,		1,100 00	
Inside painting, 1899,		493 14	
Equipping workroom, 1899,		363 15	
Machinery for shops, 1899,		750 00	
For current expenses, 1899,		3,977 65	
For current expenses, 1900,		6,287 63	
Boiler plant, 1900,		10,804 61	
Stone quarry, 1900,		450 00	
		<hr/>	
Total from appropriations,			57,406 51
Received from State for board of patients,		\$11,334 22	
Received from towns for board of patients,		23,983 11	
Received from individuals for board of patients,		2,592 11	
Received from farm and farm products,		990 36	
Received from sale of old junk, barrels, etc.,		140 27	
Received from patients for safe keeping,		321 54	
Received from store,		243 61	
Received from interest,		144 71	
Received from sundries,		100 94	
		<hr/>	
			39,850 87
		<hr/>	
Total receipts,			\$108,638 46

## EXPENDITURES.

Salaries, wages and labor,	. . . . .	\$24,034 78
Provisions and supplies : —		
Meat, . . . . .		\$2,565 33
Fish, . . . . .		514 95
Fruit and vegetables, . . . . .		663 63
Flour, . . . . .		1,396 54
Grain and meal for table, . . . . .		370 13
Hay, grain and meal for stock, . . . . .		1,278 41
Tea, coffee and chocolate, . . . . .		367 56
Sugar, syrup and molasses, . . . . .		1,123 93
Milk, butter and cheese, . . . . .		2,226 47
Salt and other groceries, . . . . .		773 64
All other provisions, . . . . .		1,529 67
		<hr/>
		12,810 26
		<hr/>
<i>Amount carried forward, . . . . .</i>		\$36,845 04



*Statement of Appropriations.*

APPROPRIATIONS.	Amount.	Expended previously.	Expended this Year.	Balance available.
Appropriation, 1895, buildings, .	\$160,000 00	\$154,079 76	\$5,920 24	-
Current expenses, 1899, . . .	20,000 00	12,983 27	3,977 65	-*
Cottage for patients, . . . .	10,000 00	-	6,076 40	\$3,923 60
Infirmary building, . . . .	75,000 00	-	21,183 69	53,816 31
Furnishing men's cottage, . .	1,100 00	-	1,100 00	-
Inside painting, . . . . .	500 00	6 86	493 14	-
Equipping workroom, . . . .	500 00	54 44	363 15	82 41
Machinery for shops, . . . .	750 00	-	750 00	-
Current expenses, 1900, . . .	15,000 00	-	6,287 63	8,712 37
Boiler plant, . . . . .	25,000 00	-	10,804 61	14,195 39
Stone quarry, . . . . .	450 00	-	450 00	-
	\$308,300 00	\$167,124 33	\$57,406 51	\$80,730 08

\* Lapsed.

CHAS. B. FISKE,  
*Treasurer.*

The undersigned hereby certifies that he has compared the amount received for board and care of patients for the year ending Oct. 1, 1900 (\$37,909.44), with the estimated earnings of the hospital for the year, and finds them to agree. He finds vouchers on file at the hospital for disbursements for current expenses to the amount of \$53,240.11. The treasurer's account is correctly cast, and shows a balance in his hands of \$7,964.36.

GEO. L. CLARK,  
*Auditor of Accounts.*

Approved: CHAS. A. CLOUGH,  
HENRY M. PHILLIPS,  
*Auditing Committee.*



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# STATISTICAL TABLES.

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1. — General Statistics for the Year.

	INSANE.			SANE.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1899, . . . . .	67	71	138	42	36	78	109	107	216
Admitted within the year, . . . . .	9	16	25	45	28	73	54	44	98
Returned from visit, . . . . .	1	—	1	2	1	3	3	1	4
Whole number of cases within the year, . . . . .	77	87	164	89	65	154	166	152	318
Discharged within the year, . . . . .	5	4	9	27	10	37	32	14	46
as much improved, . . . . .	1	—	1	2	3	5	3	3	6
as improved, . . . . .	2	1	3	16	7	23	18	8	26
as not improved, . . . . .	2	3	5	9	—	9	11	3	14
Deaths, . . . . .	6	6	12	6	1	7	12	7	19
Visits, . . . . .	1	—	1	6	3	9	7	3	10
Patients remaining Sept. 30, 1900, . . . . .	65	77	142	50	51	101	115	128	243
Viz.: State patients, . . . . .	14	24	38	20	20	40	34	44	78
town patients, . . . . .	47	55	102	26	24	50	73	79	152
private patients, . . . . .	1	1	2	7	4	11	8	5	13
Number of different persons within the year, . . . . .	76	87	163	86	65	151	162	152	314
Number of different persons admitted within the year, . . . . .	8	16	24	42	28	70	50	44	94
Daily average number of patients, . . . . .	66.52	72.83	139.35	46.20	40.06	86.26	112.72	112.89	225.61
Viz.: State patients, . . . . .	17.25	16.06	33.31	18.64	14.74	33.38	35.89	30.80	66.69
town patients, . . . . .	48.80	55.87	104.67	21.37	21.60	42.97	70.17	77.47	147.64
private patients, . . . . .	.47	.90	1.37	6.19	3.72	9.91	6.66	4.62	11.28







3. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	6	13	19	39	25	64	45	38	83
Second, . . . . .	3	3	6	5	3	8	8	6	14
Third, . . . . .	-	-	-	1	-	1	1	-	1
Total of cases, . . .	9	16	25	45	28	73	54	44	98
Total of persons, . .	8	16	24	42	28	70	50	44	94

4. — *Relations to Hospitals of Cases admitted.*

HOSPITAL RELATIONS.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Inmates of this hospital only, .	6	10	16	29	23	52	35	33	68
Former inmates of this hospital only, . . . . .	2	2	4	6	3	9	8	5	13
Former inmates of other hospitals:—									
Danvers Insane Hospital and Hospital Cottages for Children, . . . .	-	1	1	-	-	-	-	1	1
Danvers Insane Hospital, Hospital Cottages for Children, . . . . .	-	-	-	1	-	1	1	-	1
Northampton Insane Hospital, . . . . .	-	1	1	6	-	6	6	1	7
Northampton Insane Hospital, . . . . .	-	-	-	-	1	1	-	1	1
State Almshouse, . . . . .	-	-	-	1	-	1	1	-	1
Taunton Insane Hospital, Westborough Insane Hospital, . . . . .	-	1	1	-	-	-	-	1	1
Worcester Insane Hospital, . . . . .	1	-	1	-	1	1	1	1	2
Worcester Insane Hospital, . . . . .	-	1	1	2	-	2	2	1	3
Total of cases, . . .	9	16	25	45	28	73	54	44	98
Total of persons, . .	8	16	24	42	28	70	50	44	94

5. — *Nativity and Parentage of Persons admitted.*

	INSANE.									SANE.									TOTALS.								
	MALES.			FEMALES.			TOTALS.			MALES.			FEMALES.			TOTALS.			MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Masachusetts,	7	4	2	11	4	5	18	8	7	26	12	13	13	4	6	39	16	19	33	16	15	24	8	11	57	24	26
Other States:—																											
Connecticut,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Georgia,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Illinois,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Maine,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Maryland,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
New Hampshire,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
New Jersey,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
New York,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rhode Island,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Vermont,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other countries:—																											
Azores Islands,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Canada,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
England,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Germany,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Holland,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ireland,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Poland,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Scotland,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sweden,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Unknown,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Totals,	8	8	8	16	16	16	24	24	24	42	42	42	28	28	28	70	70	70	50	50	50	44	44	44	94	94	94

*6. — Residence of Persons admitted.*

COUNTIES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable, . . . .	—	—	—	1	—	1	1	—	1
Berkshire, . . . .	—	1	1	2	3	5	2	4	6
Bristol, . . . . .	1	1	2	1	3	4	2	4	6
Essex, . . . . .	—	—	—	3	3	6	3	3	6
Hampden, . . . . .	2	2	4	4	—	4	6	2	8
Hampshire, . . . .	—	—	—	—	3	3	—	3	3
Middlesex, . . . .	2	—	2	11	4	15	13	4	17
Norfolk, . . . . .	—	1	1	2	—	2	2	1	3
Plymouth, . . . .	—	—	—	—	1	1	—	1	1
Suffolk, . . . . .	3	10	13	9	10	19	12	20	32
Worcester, . . . .	—	1	1	9	1	10	9	2	11
Totals, . . . . .	8	16	24	42	28	70	50	44	94



7. — Civil Condition of Persons admitted.

INSANE.

NUMBER OF THE ADMISSION.			UNMARRIED.			MARRIED.			WIDOWED.			UNKNOWN.			TOTALS.		
			Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First, .	.	.	6	7	13	-	3	3	-	2	2	-	1	1	6	13	19
Second, .	.	.	3	1	4	-	-	-	-	2	2	-	-	-	3	3	6
Third, .	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total of cases, .	.	.	9	8	17	-	3	3	-	4	4	-	1	1	9	16	25
Total of persons, .	.	.	8	8	16	-	3	3	-	4	4	-	1	1	8	16	24

SANE.

First, .	.	.	34	22	56	4	2	6	-	1	1	1	-	1	39	25	64
Second, .	.	.	5	3	8	-	-	-	-	-	-	-	-	-	5	3	8
Third, .	.	.	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Total of cases, .	.	.	40	25	65	4	2	6	-	1	1	1	-	1	45	28	73
Total of persons, .	.	.	37	25	62	4	2	6	-	1	1	1	-	1	43	28	71

TOTALS.

First, .	.	.	40	29	69	4	5	9	-	3	3	1	1	2	45	38	83
Second, .	.	.	8	4	12	-	-	-	-	2	2	-	-	-	8	6	14
Third, .	.	.	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Total of cases, .	.	.	49	33	82	4	5	9	-	5	5	1	1	2	54	44	98
Total of persons, .	.	.	45	33	78	4	5	9	-	5	5	1	1	2	50	44	94

## 8. — Occupations of Persons admitted.

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Book agent, . . .	—	1	1	Laborer, . . .	—	1	1
Cabinet maker, . . .	—	1	1	Machinists, . . .	—	3	3
Carpenters, . . .	—	3	3	Mason, . . .	—	1	1
Clerk, . . .	—	1	1	Merchant, . . .	—	1	1
Coachmen, . . .	—	2	2	Weavers, . . .	—	2	2
Errand boy, . . .	1	—	1	Unknown, . . .	7	24	31
Farmers, . . .	—	2	2		8	42	50

## FEMALES.

Clerk, . . .	—	1	1	Weavers, . . .	—	3	3
Domestics, . . .	1	6	7	Wood carving, . . .	—	1	1
Errand girl, . . .	—	1	1	Unknown, . . .	13	15	28
Housewives, . . .	2	1	3				

## DAUGHTER OR WIFE OF —

Brewer, . . .	1	—	1	Machinist, . . .	1	1	2
Conductor, . . .	—	1	1	Peddler, . . .	—	1	1
Engineer, . . .	—	1	1	Printer, . . .	—	1	1
Farmer, . . .	1	2	3	Teamster, . . .	2	—	2
Laborer, . . .	8	6	14	Shoemaker, . . .	—	1	1
Liveryman, . . .	—	1	1		29	43	72

*9. — Probable Causes of Disease in Persons admitted.*

	INSANE.			SANE.			Totals.
	Males.	Females.	Totals.	Males.	Females.	Totals.	
Alcoholism, . . .	—	—	—	1	—	1	1
Blow over stomach, .	—	—	—	1	—	1	1
Congenital, . . .	2	—	2	—	1	1	3
Excitement, . . .	—	—	—	—	1	1	1
Fright, . . .	—	1	1	—	2	2	3
Grief, . . .	—	1	1	—	—	—	1
Heredity, . . .	—	—	—	2	—	2	2
Injury to head, . .	2	—	2	7	4	11	13
Masturbation, . . .	—	—	—	—	1	1	1
Menopause, . . .	—	—	—	—	1	1	1
Menstruation, . . .	—	1	1	—	1	1	2
Overwork, . . .	—	—	—	2	1	3	3
Puberty, . . .	—	1	1	—	1	1	2
Scarlatina, . . .	—	2	2	—	—	—	2
Sunstroke, . . .	—	—	—	1	—	1	1
Syphilis, . . .	—	—	—	1	—	1	1
Teething, . . .	—	—	—	3	1	4	4
Tobacco, . . .	—	—	—	1	—	1	1
Typhoid fever, . .	—	—	—	1	—	1	1
Whooping-cough, .	—	—	—	—	1	1	1
Unknown, . . .	4	10	14	22	13	35	49
Totals, . . .	8	16	24	42	28	70	94

## 10. — Record of Cases admitted within the Year.

PATIENTS.	INSANE.			SANE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted, . . . . .	9	16	25	45	28	73	54	44	98
Discharged, recovered, . . . . .	—	—	—	—	—	—	—	—	—
much improved, . . . . .	1	—	1	2	—	2	3	—	3
improved, . . . . .	—	—	—	9	3	12	9	3	12
not improved, . . . . .	—	2	2	6	—	6	6	2	8
not epileptic, . . . . .	—	—	—	—	—	—	—	—	—
died, . . . . .	—	—	—	2	—	2	2	—	2
on visit, . . . . .	—	—	—	3	1	4	3	1	4
Remaining Sept. 30, 1900, . . . . .	8	14	22	23	24	47	31	38	69
Number likely to recover, . . . . .	—	—	—	1	—	1	1	—	1
Number likely to improve, . . . . .	1	1	2	5	10	15	6	11	17



## 11.—Ages of Epileptics at First Attack, Admission and Death.

## INSANE.

AGES.	PERSONS ADMITTED.			PERSONS DIED.					
	AT FIRST ATTACK.		WHEN ADMITTED.	AT FIRST ATTACK.		AT TIME OF DEATH.			
	Males.	Females.		Totals.	Males.		Females.	Totals.	
Congenital, . . . . .	1	3	4	-	-	-	-	-	-
15 years and less, . . . . .	5	8	13	1	4	5	1	3	4
From 15 to 20 years, . . . . .	2	-	2	4	2	6	1	-	1
20 to 25 years, . . . . .	-	-	-	1	2	3	-	-	-
25 to 30 years, . . . . .	-	-	-	-	2	2	-	-	-
30 to 35 years, . . . . .	-	-	-	2	1	3	-	-	-
35 to 40 years, . . . . .	-	-	-	-	1	1	-	-	-
40 to 50 years, . . . . .	-	1	1	1	1	2	1	1	2
50 to 60 years, . . . . .	-	-	-	-	2	2	-	2	3
60 to 70 years, . . . . .	-	1	1	-	2	2	1	1	2
70 to 80 years, . . . . .	-	-	-	-	2	2	-	-	-
Over 80 years, . . . . .	-	-	-	-	-	-	-	-	-
Unknown, . . . . .	1	2	3	-	-	-	2	3	5
Total of cases, . . . . .	9	16	25	9	16	25	6	6	12
Total of persons, . . . . .	8	16	24	8	16	24	6	6	12
Mean ages, . . . . .	9.06	15.53	13.18	22.5	31.87	28.5	28.12	36.66	47.08
									41.89



## TOTALS.

Congenital, . . . . .	7	5	12	-	4	-	8	1	-	1	-	-	-	-	-	-	-
15 years and less, . . . . .	25	23	48	-	4	-	31	4	-	7	-	-	-	-	-	-	-
From 15 to 20 years, . . . . .	9	4	13	-	20	-	23	2	-	3	-	-	-	-	-	-	-
20 to 25 years, . . . . .	3	2	5	-	15	-	8	-	-	-	-	-	-	-	-	-	-
25 to 30 years, . . . . .	4	2	6	-	5	-	3	-	-	-	-	-	-	-	-	-	-
30 to 35 years, . . . . .	-	-	-	-	5	-	4	-	-	-	-	-	-	-	-	-	-
35 to 40 years, . . . . .	-	2	2	-	5	-	9	-	-	-	-	-	-	-	-	-	-
40 to 50 years, . . . . .	-	-	2	-	2	-	4	-	-	-	-	-	-	-	-	-	-
50 to 60 years, . . . . .	-	-	-	-	2	-	8	-	-	-	-	-	-	-	-	-	-
60 to 70 years, . . . . .	-	2	2	-	2	-	3	-	-	-	-	-	-	-	-	-	-
70 to 80 years, . . . . .	-	1	1	-	1	-	4	-	-	-	-	-	-	-	-	-	-
Over 80 years, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown, . . . . .	6	3	9	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Total of cases, . . . . .	54	44	98	-	54	-	98	12	7	19	12	7	19	12	7	19	19
Total of persons, . . . . .	50	44	94	-	50	-	94	12	7	19	12	7	19	12	7	19	19
Mean ages, . . . . .	10.57	14.45	12.13	-	22.93	-	26.04	18.5	10.00	16.07	36.04	42.85	38.81	36.04	42.85	38.81	38.81





14. — Discharges, classified by Admission and Result.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			NOT EPILEPTIC.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —																					
First, . . . . .	-	-	-	1	-	1	2	1	3	2	2	4	-	-	-	6	6	12	11	9	20
Second, . . . . .	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1
B. — Sane epileptics : —																					
First, . . . . .	-	-	-	2	3	5	15	7	22	8	-	8	-	-	-	6	1	7	31	11	42
Second, . . . . .	-	-	-	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-	2	-	2
Total of cases, . . . . .	-	-	-	3	3	6	18	8	26	11	3	14	-	-	-	12	7	19	44	21	65
Total of persons, . . . . .	-	-	-	3	3	6	18	8	26	11	3	14	-	-	-	12	7	19	43	21	64

*15. — Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system : —									
Epilepsy, . . . .	5	2	7	4	—	4	9	2	11
Status epilepticus, . .	—	1	1	—	—	—	—	1	1
Circulatory system : —									
Pneumonia, . . . .	—	1	1	1	—	1	1	1	2
Pulmonary oedema, . .	—	1	1	—	—	—	—	1	1
Genito-urinary system : —									
Chronic parenchymatous nephritis, . . . .	—	—	—	1	—	1	1	—	1
General : —									
Asthenia senilis, . . .	—	1	1	—	—	—	—	1	1
Exhaustion, . . . .	1	—	1	—	1	1	1	1	2
Totals, . . . .	6	6	12	6	1	7	12	7	19









## FARM PRODUCTS

FROM OCT. 1, 1899, TO OCT. 1, 1900.

---

Milk, 121,074 quarts, . . . . .	\$4,842 96
Eggs, 131½ dozen, . . . . .	82 87
Hay, 156 tons, . . . . .	2,808 00
Meadow hay, 13 tons, . . . . .	130 00
Ensilage, 225 tons, . . . . .	675 00
Green fodder, 124 tons, . . . . .	372 00
Asparagus, 27 pounds, . . . . .	2 70
Rhubarb, 1,439 pounds, . . . . .	57 56
Strawberries, 289 quarts, . . . . .	34 68
Blackberries, 65 quarts, . . . . .	7 80
Currants, 357 quarts, . . . . .	35 90
Celery, 400 bunches, . . . . .	40 00
Parsley, 100 bunches, . . . . .	10 00
Lettuce, 7,309 heads, . . . . .	73 09
Green peas, 95 bushels, . . . . .	95 00
Cucumbers, 5,568, . . . . .	126 38
Cucumbers for pickles, 3 $\frac{1}{8}$ bushels, . . . . .	4 60
Sweet corn, 11,658 ears, . . . . .	116 58
Tomatoes, 77 bushels, . . . . .	38 50
Beet greens, 85 $\frac{3}{4}$ bushels, . . . . .	42 85
Pumpkins, 320, . . . . .	16 00
Winter squash, 2,757 pounds, . . . . .	27 57
Summer squash, 56, . . . . .	2 80
Garden beans, 36 $\frac{3}{4}$ bushels, . . . . .	36 75
Peaches, 1 bushel, . . . . .	2 00
Pears, 17 $\frac{3}{4}$ bushels, . . . . .	26 62
Quinces, $\frac{1}{2}$ bushel, . . . . .	50
Apples, 350 barrels, . . . . .	525 00
Cider apples, 600 bushels, . . . . .	60 00
Crab apples, 31 $\frac{1}{2}$ bushels, . . . . .	31 50
Watermelons, 42, . . . . .	4 20
<i>Amount carried forward, . . . . .</i>	<i>\$10,329 41</i>

<i>Amount brought forward,</i>	\$10,329 41
Plums, $1\frac{1}{4}$ bushels,	1 25
Grapes, $712\frac{1}{2}$ pounds,	14 25
Radishes, 100 bunches,	1 00
Horseradish, 80 pounds,	1 60
Peppers, $3\frac{1}{2}$ bushels,	1 75
Potatoes, 1,452 bushels,	943 80
Cabbage, $7\frac{1}{2}$ tons,	150 00
Turnips, 255 bushels,	127 50
Table beets, 455 bushels,	273 00
Carrots, $364\frac{1}{2}$ bushels,	182 75
Onions, $110\frac{1}{2}$ bushels,	71 82
Parsnips, 314 bushels,	185 40
Tobacco, 400 pounds,	80 00
Broom corn, $\frac{1}{2}$ acre,	25 00
Wool, 339 pounds,	67 80
Lamb, $562\frac{1}{2}$ pounds,	98 16
Pork, 3,487 pounds,	213 75
Beef, 1,724 pounds,	100 68
Lard, $45\frac{1}{2}$ pounds,	2 73
Chicken, $9\frac{1}{2}$ pounds,	1 52
Fowl, 178 pounds,	24 92
Mutton, $384\frac{3}{4}$ pounds,	30 78
Pigs sold, 68,	257 62
Calves sold, 21,	93 50
Beef sold,	243 00
Hides sold, 290 pounds,	19 06
Tallow sold, 126 pounds,	3 78
Wool sold, 528 pounds,	105 60
Pork sold, 1,780 pounds,	106 80
Onions sold, $55\frac{1}{2}$ bushels,	24 55
Cabbage sold, 220 heads,	10 52
Hogs' heads sold, 255 pounds,	5 28
Sheep pelts sold, 22,	13 75
Strawberry plants sold,	30
Bell peppers sold,	50
Cabbage plants sold, 775,	1 70
Total,	\$13,814 83

## ARTICLES MADE IN THE SEWING-ROOM.

---

Sheets, . . . . .	37	Night dresses, . . . . .	8
Pillow cases, . . . . .	503	Chemise, . . . . .	1
Pillow ticks, . . . . .	212	Drawers, pairs, . . . . .	32
Table cloths, . . . . .	24	Night shirts, . . . . .	2
Napkins, . . . . .	293	Shirts, . . . . .	215
Curtains, . . . . .	31	Overalls, pairs, . . . . .	2
Bureau covers, . . . . .	18	Suspenders, pairs, . . . . .	26
Commode covers, . . . . .	5	Garters, pairs, . . . . .	16
Towels, . . . . .	794	Stockings, pairs, . . . . .	6
Holder, . . . . .	17	Mittens, pairs, . . . . .	25
Oven cloths, . . . . .	4	Caps, . . . . .	5
Strainers, . . . . .	4	Bibs, . . . . .	43
Dusters, . . . . .	44	Sleeve linings, . . . . .	3
Floor swabs, . . . . .	36	Screen fillings, . . . . .	32
Rugs, . . . . .	43	Pipe covering, yards, . . . . .	92
Clothes bags, . . . . .	30	Sofa pillow, . . . . .	1
Clothes-pin bags, . . . . .	7	Awnings, . . . . .	8
Tea and coffee bags, . . . . .	28	Mattress, . . . . .	1
Aprons, . . . . .	92		

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## ARTICLES MADE IN THE WARDS.

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Sheets, . . . . .	59	Night dresses, . . . . .	52
Pillow cases, . . . . .	54	Chemises, . . . . .	63
Napkins, . . . . .	44	Drawers, pairs, . . . . .	35
Curtains, . . . . .	17	Night shirt, . . . . .	1
Towels, . . . . .	160	Mittens, pairs, . . . . .	35
Dusters, . . . . .	2	Bed socks, pairs, . . . . .	18
Scrub cloths, . . . . .	36	Dresses, . . . . .	112
Sawdust bags, . . . . .	20	Dress skirts, . . . . .	2
Ice bag covers, . . . . .	2	Shirt waists, . . . . .	4
Aprons, . . . . .	54	Bandages, . . . . .	493



## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOM.

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Shoes made, pairs, . . .	4	Ball gloves repaired, . . .	2
Boots made, pairs, . . .	6	Screens made, . . .	48
Boots and shoes repaired, . . .	664	Screens repaired, . . .	1
Slippers made, pairs, . . .	66	Coat hangers made, . . .	468
Shoes marked, pairs, . . .	164	Corn crackers made, . . .	3
Suits made, . . .	49	Hammer handles made, . . .	14
Coats made, . . .	94	Bases made for base ball	
Vests made, . . .	12	nine, . . .	3
Trousers made, pairs, . . .	139	Medicine cases made, . . .	4
Overalls made, pairs, . . .	177	Pipe rack made, . . .	1
Denim frocks made, . . .	22	Bill boards made, . . .	8
Shirts made, . . .	32	Rolling pin made, . . .	1
Mittens made, pairs, . . .	197	Blacking box made, . . .	1
Garments repaired, . . .	16	Clothes stick made, . . .	1
Rubber aprons made, . . .	2	Glove made, . . .	1
Belts made, . . .	3	Tables repaired, . . .	1
Harnesses repaired, . . .	51	Drawer repaired, . . .	1
Baseballs sewed, . . .	10	Blanks printed, . . .	42,222
Pillows made, . . .	301	Weekly paper printed, copies, 10,200	

## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

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Superintendent, per year, . . . . .	\$2,500 00
Assistant physician, per year, . . . . .	1,250 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	480 00
Stenographer, per month, . . . . .	25 00
Steward and storekeeper, per month, . . . . .	55 00
Drug clerk, per month, . . . . .	25 00
Night attendants (men, 2), per month, . . . . .	\$25 00-27 00
Attendants (men, 8), per month, . . . . .	18 00-30 00
Night attendants (women, 2), per month, . . . . .	16 00-18 00
Attendants (women, 10), per month, . . . . .	14 00-22 00
Engineer, per year, . . . . .	900 00
Assistant engineer, per month, . . . . .	50 00
Helper, per month, . . . . .	35 00
Fireman, per month, . . . . .	30 00
Watchman, per month, . . . . .	27 00
Baker, per month, . . . . .	30 00
Cooks (4), per month, . . . . .	20 00-25 00
Assistant cooks (2), per month, . . . . .	14 00-18 00
Table girls (2), per month, . . . . .	14 00-18 00
Foreman industrial room, per month, . . . . .	35 00
Seamstress, per month, . . . . .	25 00
Assistant seamstress, per month, . . . . .	18 00
Laundress, per month, . . . . .	25 00
Laundryman, per month, . . . . .	18 00
Assistant laundresses (2), per month, . . . . .	14 00-17 00
Farmer, per year, . . . . .	700 00
Assistant farmers (6), per month, . . . . .	20 00-30 00
Handy man, per month, . . . . .	33 00
Gardener, per month, . . . . .	25 00
Driver, per month, . . . . .	30 00
Carpenter, per day, . . . . .	2 50
Painter, per day, . . . . .	1 75
Mason, per day, . . . . .	2 50

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REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER)

FOR THE

:

YEAR ENDING SEPTEMBER 30, 1901.



BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,

18 POST OFFICE SQUARE.

1902.







OFFICERS

OF THE

MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	. . . . .	BOSTON.
CHARLES A. CLOUGH, <i>Secretary</i> ,	. . . . .	BOSTON.
ADELAIDE A. CALKINS,	. . . . .	SPRINGFIELD.
MABEL W. STEDMAN,	. . . . .	BOSTON.
HENRY M. PHILLIPS,	. . . . .	SPRINGFIELD.
HENRY P. JAKUES, M.D.,	. . . . .	LENOX.
WALTER W. SCOFIELD, M.D.,	. . . . .	DALTON.

RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	. . . . .	<i>Superintendent.</i>
ARTHUR O. MORTON, M D.,	. . . . .	} <i>Assistant Physician and</i>
MORGAN B. HODSKINS, M.D.,	. . . . .	
LILLIAN M. KINCAID,	. . . . .	<i>Pathologist.</i>
LILLIAN M. KINCAID,	. . . . .	<i>Clerk.</i>
MARY W. WENTWORTH,	. . . . .	<i>Stenographer.</i>
CHARLES F. SIMONDS,	. . . . .	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	. . . . .	<i>Engineer.</i>
J. W. WILLIAMS,	. . . . .	<i>Farmer.</i>

TREASURER.

CHARLES B. FISKE,	. . . . .	PALMER.
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OFFICE AT THE HOSPITAL.



# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Massachusetts Hospital for Epileptics respectfully present the following report for the year ending Sept. 30, 1901.

To the great regret of the Board, Dr. Burnham R. Benner, who had been trustee since the creation of the institution, felt compelled, for personal reasons, to decline a renomination, his time having expired. Dr. Walter W. Scofield of Dalton was appointed in his place.

The institution has gone on in a satisfactory manner during the past year. The new buildings which were in process of construction at the time of the last report have been essentially completed, and their furnishing is now well under way. These buildings are five in number, — an infirmary proper, a cottage for infirm males, a cottage for infirm females, a dining room building and a cottage for special female patients corresponding to the Hyde cottage for men.

In April the contractor who was constructing these buildings failed, and his business was placed in the hands of an assignee. The hospital, however, was fully secured, and found it to its advantage to continue the work itself, which was done under agreement with the persons interested.

In June, 1901, the hospital bought the Northrop estate of one hundred and twenty acres, which adjoined its property on the west, at a price of \$3,500. This estate had been leased to us previously for two years, and it seemed advisable to secure it permanently. Belonging to it was an old farm house and sundry farm buildings, the latter of no special value. The

farm house itself, an old wooden structure, serves for the present to accommodate about 20 male patients, who can do farm work on this part of the property.

The appropriations granted the institution this year were: current expenses, \$15,000; furnishing the new buildings, \$20,000; laundry building and machinery, \$9,500; purchase of Northrop estate, \$3,500; painting, \$1,000.

The laundry building is now in process of erection. A site was chosen to the north of the employees' cottage and in the neighborhood of the power house, so that steam could be readily furnished, and it would not be in the way of the present buildings, while conveniently near them. The foundations have now been carefully laid, and the walls are being built. A considerable amount of excavation and of filling-in was necessary for this building, and this has been done almost entirely by inmates.

In order to properly dry our new buildings and the lumber to be used in them it has been necessary to use an amount of coal much greater than that required for the ordinary heating of the buildings. This excess has been charged to extraordinary expenses, and does not enter into the ordinary current expense account.

In such an institution as this there are always many needs. Among the most pressing, we may mention: (1) a nurses' home; (2) power plant; (3) proper accommodations for the farm employees and for those patients who do farm work.

(1) The importance of a separate building for the nurses in an institution of this character should be apparent to any one who knows the conditions. It is not advisable that the ward attendants or nurses, whose duties when they are on service may be so arduous and responsible, should be required to sleep at night or by day in the same buildings with the patients, where they are constantly subjected to more or less unavoidable disturbances, and where they cannot ever be really free; where their rooms open into public wards, and privacy is only partial. We believe that the principle of erecting a separate building for nurses in such institutions as this is generally admitted and adopted. We can now partially provide for our nurses, but the time will soon come when a separate building will be required.



(2) A power plant is badly needed. To furnish electricity for the new buildings, with our present plant, it will be necessary to cut down the number of lights in the old buildings beyond what is convenient or wise. We also need power (motor) for the laundry, machine shop and industrial rooms. This is absolutely necessary to carry on our work properly.

(3) We have now reached a stage in this hospital where the need of a group of farm buildings is apparent. At present the special requirements are: a building for the farm and the farm employees; a building for those patients who are doing farm work. More space is also needed for our cows. We now have fifty head of stock, thirty milking cows; and this number should be increased to furnish milk for the increased number of inmates which we shall receive when the new buildings are completed.

The subject of overcrowding of patients is a most important one. This institution, which is only required by law to provide for 200 inmates (patients), has at the present time 270. We believe that such overcrowding should never be permitted, and a stronger protest would be made, were it not that by the opening of the new buildings, which will occur very soon, we shall be fitted to properly accommodate those we have, and more.

#### CARE AND TREATMENT OF PATIENTS.

Experience has thoroughly proved to us that one of the most important factors in the health of the ordinary epileptic is occupation, or work. This is admitted to a very large extent even by the patients themselves. It is of course necessary that the amount and character of the work should be such as is suited to each individual; one can do, say, fifty units; another, a hundred; while a third can not do more than ten. In the determination and arrangement of this consists a portion of the medical work. In the general treatment of the epileptic we find it best to use comparatively little medicine. Static electricity as a composer and palliative is used to advantage.

In addition to the actual physical benefit of work to the epileptic, we find a great benefit to many cases in the mental discipline entailed thereby, and in the mental training. The fact of being obliged to employ their minds to the extent

required in the work arouses and exercises their mental faculties, and also gives some of them, at least, greater powers of self-control.

#### THE MEDICAL PROFESSION.

It has been unfortunate that for many years past the medical officers of the hospitals for the insane in this State and indeed all over the United States have gradually separated themselves and drifted away from the other members of the medical profession. This has resulted in an almost total lack of interest in the one class in the work done by the other. Practically, however, the medical work done in our hospital is an integral part of medical work as a whole, and as such should arouse the attention and interest of the whole profession. The trustees desire to obtain the sympathy and interest of the general medical profession in this work, and to offer to them any proper facilities for the study and observation of such cases as are intrusted to their care.

But it is not only the interest of the medical profession in our work which we wish to awaken. We desire, as far as may be, that all interested in the proper care of a seriously crippled class should feel that we are anxious and desirous to forward whatever is for the advantage and improvement of these persons, so far as we can.

W. N. BULLARD,

*Chairman for the Board of Trustees.*

## REPORT OF THE SUPERINTENDENT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The following report is respectfully submitted : —

Number of patients Sept. 30, 1900,	.	.	.	.	.	.	.	243
Since admitted : —								
Sane (4 from visit),	.	.	.	.	.	.	.	65
Insane,	.	.	.	.	.	.	.	29
Discharged and on visit : —								
<i>Sane.</i> — Much improved,	.	.	.	.	.	.	.	3
Improved,	.	.	.	.	.	.	.	19
Not improved,	.	.	.	.	.	.	.	8
Died,	.	.	.	.	.	.	.	6
On visit,	.	.	.	.	.	.	.	10
							—	46
<i>Insane.</i> — Improved,	.	.	.	.	.	.	.	5
Not improved,	.	.	.	.	.	.	.	3
Died,	.	.	.	.	.	.	.	11
On visit,	.	.	.	.	.	.	.	2
							—	21
Number of patients remaining Sept. 30, 1901,	.	.	.	.	.	.	.	270
Daily average of patients,	.	.	.	.	.	.	.	261.40
Per capita cost (per week),	.	.	.	.	.	.	.	\$4.49

### SUMMARY OF YEAR'S WORK.

As touching some of the events of the year, I have summarized the work as follows : —

Much clearing of brush from land on the hill has been done, mainly by patients.

The repairing of the buildings inside and outside has been kept up, each workman having a few patients under his direction.

Putting piazzas on three buildings has been partly completed by the hospital forces.

Cutting openings into basements of buildings has been also attended to by the same means, very much to the advantage of the property.



The wiring of the new buildings has been partly completed.

Cutting over two hundred tons of hay and storing of three silos, with the usual farm work carried on without interruption.

Sodding around the walks, taking sod from points where other walks are in prospect.

A shelter for liquid manure cart now in process of construction promises an advantage in fertilizer, and will also help to better house some of the farm tools.

The routine of the medical work has been faithfully carried on by the efficient assistant physicians.

Medical work on dietary has formed an appreciable item in this line.

The work for shedding water on our steep hillsides has comprised the digging of diagonal ditches and the roughest of the grading on the upper sides of the new buildings, merely to carry water away during the coming winter, and leaving an unlimited amount of work for the future.

Much stone for roads has been broken, and some of it used.

A good deal of teaming has been done by farm teams, in connection with the new buildings.

An amount of lumber for a coal trestle has been taken from our new purchase, and the sawing and preparation of these heavy chestnut logs has been done by a portable mill, located on the farm.

Two fountains have been built up in the court yards of the hospital buildings, and connected with a water supply from an otherwise unused reservoir.

The extra work of caring for an excess of patients, keeping up the enthusiasm in work where there is great liability of this dropping off, and seeing that each person had comfortable and acceptable accommodations, have been matters of moment.

The gardening has been carried on in about the same manner as last year. Setting out trees is being attended to from time to time. This fall the gardener is getting some small trees from the roadsides near us. During the spring a fair number of fruit trees were planted, and it is hoped that we can thus carry on this kind of work as means and time will allow.

The vaccination of all the hospital residents has been attended to.



The relaying of steam runs in tile in four places, varying from one hundred to two hundred feet in length, has been found a necessity, owing to the decay of the old plank conduits.

Getting furnishings into the new buildings, including purchase of goods, furniture, beds, bedding, etc., has been a work of many months, requiring constant oversight and many trips to manufacturers.

The making of shoes, boots, slippers, suits, etc., in the industrial room, has now progressed so that nearly all of these goods are furnished from our own work rooms.

Repairs of furniture and mending clothing has kept a good number of one class of workers steadily busy.

The purchase of the farm on the hill has been completed, and now offers the most hopeful outlook for improvement and extension in many directions.

### WORK.

A great deal of effort has been put forth to get each patient to attempt regular daily work. We measure the result by the hours that such a patient has been making a willing effort to do some kind of manual labor, involving more or less mental concentration, rather than by the amount of work accomplished. The former has been satisfactory in result, while the latter has not been great in quantity. There are many advantages to the patient if he persists in his effort to keep himself at the labor assigned. He is encouraged to persist, even if not feeling like it. Patients generally come here unaccustomed to working, and often have been taught that they are invalids, and will be harmed by work. The excuses given for not working are mainly sickness of one type or another.

### SCHOOLS.

One school for the younger males and one for the younger females have given instruction to a daily average of 18 patients in elementary school work. This has comprised some work in arithmetic, geography, writing and spelling, history, reading, drawing on blackboards, etc. The results in this line have not been altogether encouraging, as many patients soon lose the facts learned, and require extra patience in repetition, and do

not make the advance that can be seen in younger defectives. On the whole, however, the schools are of advantage, and will be continued with earnest endeavor.

### RECORDS.

A regular system is now in use for records, and this requires not only a careful physical examination of each patient and a psychological study of them from time to time, but daily entries, taking time and care for the observations and permanent preservation of the facts obtained. The home conditions vary so much with each patient that studies in heredity and psychology often involve a careful scrutiny of parents and of as much of the patient's home life as can be apprehended.

### ENTERTAINMENTS.

The entertainments have been kept up, as shown in table, usually two a week, and Sunday services held every week. During the summer, excursions, car rides, etc., have been substituted for some of the entertainments.

*Table showing Persons employed, and in what Way.*

	Males.	Females.
Grading, . . . . .	20	—
Industrial building: —		
Chair seating, . . . . .	2	—
Printing, . . . . .	2	1
Tailoring, cutting, . . . . .	1	—
Tailoring, sewing, . . . . .	—	4
Cobbling, . . . . .	3	—
Jobbing, . . . . .	1	—
Carving, . . . . .	1	—
Hair picking, . . . . .	1	—
Shoe sewing, . . . . .	—	1
Kitchens, . . . . .	10	12
Laundry, . . . . .	5	30
With yard man, . . . . .	2	—
Stone, . . . . .	18	—
Painting, . . . . .	3	—
On roads, . . . . .	2	—
Stable, . . . . .	2	—
Sewing room, . . . . .	—	31
Ward work, . . . . .	15	27
Administration building, . . . . .	—	3

*Table showing Persons employed, and in what Way — Concluded.*

	Males.	Females.
Laboratory, . . . . .	1	—
Clerical, . . . . .	2	—
Weaving, . . . . .	1	1
Farm : —		
Such work as apple picking, barn, vegetable garden, clearing land, cutting brush, ditching, teaming, tending sheep, tending cows, milking, with gar- dener, . . . . .	30	—
Totals, . . . . .	122	110

### TRAINING SCHOOL.

The training school for nurses, established two years ago, has been continued during the past year. Last year a class of five was graduated, the members of which will remain at the hospital the coming year, filling various positions. One, after a post-graduate course in the Springfield city hospital, will take up the duties of superintendent of nurses, another has been appointed supervisor, and the three remaining will have charge of wards, as head nurses. There will be seven members in this year's graduating class.

During the coming year it is proposed to enlarge the scope of the school's work to a considerable degree. Besides the regular instruction received from text books, lectures and ward work, special attention will be given to hydropathy, electricity and massage. Beginning with the next term, the class will occupy a spacious room, which has been specially fitted for this purpose in the new infirmary, where they will meet for recitations, demonstrations and lectures.

### UNIFORMS.

The plan proposed last year, for a uniform suit for the women nurses, was early carried out; and now the men nurses are provided with a handsome suit, and cap of gray with the letters "M. H." in gold. The head female nurses are further distinguished by the color of band on their caps, and the supervisor and superintendent of nurses will adopt some suitable and not conspicuous insignia.



*List of Graduates, Massachusetts Hospital for Epileptics Training  
School for Nurses, 1901.*

Bagley, Edith E.

Cronin, Fannie C.

Kilduff, Mary E.

O'Brien, Julia A.

McKeever, Emma S. M.

*Medical Lectures.*

DATE.	NAME.	Subject.
<b>1900.</b>		
Dec. 28, .	Dr. L. H. Hendee, . . .	Scarlet-fever.
<b>1901.</b>		
Jan. 22, .	Dr. Albert C. Getchell, . . .	Treatment of pulmonary tuberculosis.
Feb. 5, .	Dr. Leslie C. Miller, . . .	Toxemia.
Feb. 15, .	Dr. M. B. Hodskins, . . .	Hydrotherapy.
March 12, .	Dr. L. H. Hendee, . . .	Anesthesia.
March 26, .	Dr. J. P. Schneider, . . .	Points of observation.
April 5, .	Dr. A. O. Morton, . . .	Epilepsy.

**METHODS OF ADMISSION AND GENERAL INFORMATION.**

The methods by which patients are admitted to this hospital have been many times inquired about. They are as follows : —

1. The regular insane commitment, such as is used at the insane hospitals.

2. The sane indigent ; in this case the approval of a judge is required in addition to the physician's certificate and the notification of the town authorities.

3. The sane private, in which two sureties are required to sign the patient's application.

Every patient is required to work as much as he is able. They are not allowed to go to town alone, and are expected to live on plain diet and to go to bed early. These restrictions are not irksome when they are fully understood and complied with.

**PATIENTS' CLOTHING.**

The outfit requisite for a patient coming here is very much the same as would be required at home.



### LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany Railroad between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London & Northern division of the Central Vermont. The Ware River branch of the Boston & Albany Railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.90.

### CONDITION OF PATIENTS.

One suicide has occurred during the year, and one former patient probably suicided at home, but a disposition to self-destruction is not common among epileptics.

It is found to be more difficult to deal with epileptics than with the insane, and that in many ways our class of adult persons possess to a large degree the mental and emotional traits of children. A liability to homicide is always present, and many threats are made. In such cases the parties implicated are always talked with, and made to see the disadvantage in yielding to bad temper. The discipline derived from such persons as these living together, rather than where their weakness is not understood, is notable.

The freedom allowed is necessary, but liable to be misused. In many cases to deny a certain amount of discretion about methods of living would be to throw the patient into a condition of rebellion and possibly status or frenzy.

The high mortality among epileptics as a rule is a fairly well-established fact, though our experience this year and last has not been much different from that of the insane hospitals. The liability to injury and carelessness of danger are matters requiring constant oversight.

### SOME OF THE PLANS FOR THE FUTURE.

Our needs as they now present themselves are recorded below : need of asylum building ; need of nurses' home ; need of cold storage ; need of farm group ; need of power and light

plant ; need of cottages ; need of more land ; need of colony group ; need of stable ; need of piggery, etc. ; need of coal trestle.

Among all the apparent and urgent needs, it seems to me we must select the most evident, and the ones which are the most to aid in carrying on our important work. With this in mind, I have selected from the many three as most desirable ; they are the power and light plant, the nurses' home and the beginning of the farm group. Many other pressing needs are allowed to go over.

The power and light plant recommended is designed to consist of a building located near our present boiler house, about forty by sixty feet, and one story high, built with a monitor roof, on the general plan of the laundry and boiler house.

The nurses' home should be for the accommodation of not less than 35 or 40 women, so arranged as to allow each nurse to occupy a room by herself, and so placed that it may be near to their places of work, and yet retired enough for complete quiet.

The farm group recommended should consist, when the time comes : (1) Of a house for the farmer and his men, and another for the patients and attendants working on the farm ; these two should house not less than 40 persons. (2) Of a cow barn and a good shelter near, to house a certain amount of hay and utensils. (3) Of a small building to house a boiler near the greenhouse. One of the old boilers now out of use will be adequate to the work required.

The kind of buildings erected should be determined by careful consideration. I believe wooden buildings for the farm purposes indicated would be in every way satisfactory.

Our policy as to the old barns and outhouses I consider should be to use them as long as it is found economy to do so, just as we have done with the old boilers. The time will come within a few years when all the oldest barns and outhouses may profitably be dispensed with, and what lumber there is left in them used on the construction of others. The present year ought to see the dismantling of two or more of these oldest structures.



### USE OF APPROPRIATIONS.

The description of the new buildings, as given in the trustees' report of last year and this, is so accurate and complete that no further account seems necessary. The buildings have been completed as described, and are now nearly ready for occupancy. The manner in which the other appropriations have been used is also sufficiently clear without further explanation.

### CONTRACTOR DELAYED.

The delay in the completion of the buildings has been caused by the assignment of the contractor. This failure on his part has not been in any way due to his contract here, but to unfavorable conditions connected with his other contracts; but the fact has, nevertheless, thrown considerable extra work on the home forces. This has been, however, very satisfactorily attended to, without serious loss.

Classification will be much improved by the increased space, and with the addition of the nurses' home, farm group and other cottages will be fairly satisfactory.

### EXTRAORDINARY EXPENSE.

The expense of coal during the year, which has been classed as an extraordinary outlay, needs some explanation, and will, of course, ultimately be figured in with the cost of plant.

We have heated five buildings more than a year, while they were unoccupied. Almost as much steam has been necessary during the summer as during the winter, in order that all lumber and partly finished parts should be properly protected. There is also a certain amount of coal, for the continuation into another year of this same service, now on hand. This, all summed up, makes a large item, and it seems to me proper, with the concurrence of your Board, that the outlay should be classed as an extraordinary one.

### MEDICAL STAFF.

No changes have occurred during the year either in the medical staff or in the office force, — a condition which is especially gratifying. The present workers in those several lines are competent, and eminently satisfactory in all ways.

The regular study hours of the doctors will be continued, during which examinations of cases will be made, observations compared and diagnoses confirmed.

*Amusements.*

DATE.	NAME.	Form of Amusement.
<b>1900.</b>		
Oct. 10,	F. G. Reynolds, . . .	Readings and impersonations.
24,	Walter Eccles, . . .	Readings and impersonations.
29,	Arthur E. Fitch, . . .	Lecture (characteristics).
Nov. 2,	F. G. Reynolds, . . .	Readings and impersonations.
7,	F. O. Munger (pianist), . .	Dance.
10,	F. O. M., . . .	Dance.
12,	John F. Kyes, . . .	Sketching and lecture (Holland).
18,	Ada M. Crow, . . .	Illustrated lecture (Paris Exposition).
28,	Nelson's Orchestra, . .	Masquerade ball.
Dec. 14,	F. O. M., . . .	Dance.
19,	F. O. M., . . .	Dance.
20,	Mr. and Mrs. F. Lawrence,	Readings and impersonations.
25,	F. O. M., . . .	Dance.
<b>1901.</b>		
Jan. 1,	F. O. M., . . .	Dance.
8,	Ada M. Crow, . . .	Illustrated lecture (Rocky Mountains).
14,	Rev. F. S. Hatch, . . .	Lecture (India).
18,	F. O. M., . . .	Dance.
24,	F. O. M., . . .	Dance.
30,	F. O. M., . . .	Dance.
Feb. 7,	F. O. M., . . .	Dance.
12,	F. O. M., . . .	Dance.
21,	F. O. M., . . .	Dance.
28,	F. O. M., . . .	Dance.
March 4,	Class 1901, Palmer high school, . . .	Play.
7,	F. O. M., . . .	Dance.
15,	Employees and patients,	Whist party.
18,	F. O. M., . . .	Dance.
21,	Harry Bryant, . . .	Ventriloquist.
29,	A. A. Moulton (violinist), Jennie Bray (pianist), . .	} Dance.
April 3,	A. A. M., . . .	} Dance.
	J. B., . . .	} Dance.
4,	F. G. Reynolds, . . .	Readings and impersonations.
10,	A. A. M., . . .	} Dance.
	J. B., . . .	} Dance.
16,	A. A. M., . . .	} Dance.
	J. B., . . .	} Dance.
23,	Ada M. Crow, . . .	Illustrated lecture (the Passion Play).
26,	A. A. M., . . .	} Dance.
	J. B., . . .	} Dance.



*Amusements — Concluded.*

DATE.	NAME.	Form of Amusement.
<b>1901.</b>		
May 1,	A. A. M., . . . . .	} Dance.
	J. B., . . . . .	
8,	A. A. M., . . . . .	} Dance.
	J. B., . . . . .	
16,	F. G. Reynolds,	Readings and impersonations.
22,	A. A. M., . . . . .	} Dance.
	J. B., . . . . .	
30,	A. A. M., . . . . .	} Dance.
	J. B., . . . . .	
June 4,	A. A. M., . . . . .	} Dance.
	J. B., . . . . .	
10,	C. R. Taggart,	Readings and impersonations.
13,	A. A. M., . . . . .	} Dance.
	J. B., . . . . .	
Sept. 16,	F. G. Reynolds,	Readings and impersonations.

*Picnics, etc.*

DATE.	NUMBER.	Place.
<b>1901.</b>		
May 30,	13 patients, .	Picnic dinner, hospital grounds.
June 15,	1 patient, .	Forest Lake, Palmer, Mass.
20,	6 patients, .	Forest Lake, Palmer, Mass.
20,	2 patients, .	Forest Lake, Palmer, Mass.
21,	3 patients, .	Forest Lake, Palmer, Mass.
22,	3 patients, .	Forest Lake, Palmer, Mass.
24,	4 patients, .	Forest Lake, Palmer, Mass.
27,	2 patients, .	Forest Lake, Palmer, Mass.
29,	22 patients, .	Forest Lake, Palmer, Mass.
July 4,	13 patients, .	Forest Lake, Palmer, Mass.
4,	100 patients, .	Picnic dinner, hospital grounds.
Aug. 6,	1 patient, .	Forest Lake, Palmer, Mass.
8,	1 patient, .	For electric car ride.
10,	22 patients, .	Forest Lake, Palmer, Mass.
17,	18 patients, .	Forest Lake, Palmer, Mass.
19,	5 patients, .	Forest Lake, Palmer, Mass.
24,	8 patients, .	Forest Lake, Palmer, Mass.
26,	1 patient, .	Forest Lake, Palmer, Mass.
27,	2 patients, .	For electric car ride.
28,	4 patients, .	Forest Lake, Palmer, Mass.
29,	2 patients, .	For electric car ride.
Sept. 6,	3 patients, .	Forest Lake, Palmer, Mass.
7,	4 patients, .	Forest Lake, Palmer, Mass.
7,	7 patients, .	Forest Lake, Palmer, Mass.
17,	61 patients, .	Eastern Hampden County Fair, Palmer, Mass.
20,	43 patients, .	Eastern Hampden County Fair, Palmer, Mass.
21,	78 patients, .	Eastern Hampden County Fair, Palmer, Mass.

Acknowledgment is made of the following donations : —

*Gifts.*

NAME.	RESIDENCE.	Gift.
Mrs. C. A. Brown, . .	Palmer, . .	Books, magazines and papers.
Mrs. A. H. Hitchcock, .	Palmer, . .	"Ladies' Home Journal" and magazines.
Rev. Fr. W. H. Hart, .	Palmer, . .	One year's numbers of "North American Review," "Review of Reviews," "Home Companion," "Literary Digest," and miscellaneous papers, etc.
C. L. Bent, . . .	Gardner, . .	"Harper's Weekly," "Frank Leslie's" and games.
Business and Social Club,	Palmer, . .	One year's numbers of "Review of Reviews," "Munsey's Magazine," "McClure's Magazine" and "Scribner's Magazine."
Mr. Thaddeus Cushman, .	Monson, . .	"Harper's Weekly," "The Bookman," "Munsey's Magazine" and "Scribner's."
Mrs. Wm. S. Hyde, . .	Ware, . .	Three volumes "Harper's Monthly Magazine."
Mrs. W. D. Clark, . .	Palmer, . .	Magazines and papers.
The Cheer Up Society, .	Palmer, . .	"Youth's Companion" and magazines.
S. Bent and Bro., . .	South Gardner,	Eleven chairs and one settee.

EVERETT FLOOD,

*Superintendent.*

## TREASURER'S REPORT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

I respectfully submit herewith the following report of the finances of this hospital for the year ending Sept. 30, 1901 :—

### ASSETS.

#### Real estate :—

Cultivated land (acres) 113, . . . . .	\$17,311 00	
Woodland (acres) 21, . . . . .	1,465 00	
Pasturage (acres) 92, . . . . .	4,237 00	
Farm (under appropriation 1901) (acres)		
120, . . . . .	3,000 00	
Water and sewerage systems, . . . . .	30,200 00	
Additions to water and sewerage systems, . . . . .	3,013 00	
Quarry, . . . . .	450 00	
	<hr/>	\$59,676 00

#### Buildings :—

Original buildings, . . . . .	\$37,770 00	
Buildings (under appropriation 1895), . . . . .	84,000 00	
Buildings (under appropriation 1899), . . . . .	85,000 00	
Greenhouse, . . . . .	1,100 00	
Boiler house (under appropriation 1900), . . . . .	4,600 00	
Farm cottage (under appropriation 1901), . . . . .	500 00	
	<hr/>	212,970 00

#### Personal estate :—

Live stock on the farm, . . . . .	\$4,974 00	
Produce of the farm on hand, . . . . .	6,422 95	
Carriages and agricultural implements, . . . . .	3,051 20	
Machinery and mechanical fixtures, . . . . .	31,104 35	
Beds and bedding in inmates' department, . . . . .	6,102 38	
Other furniture in inmates' department, . . . . .	6,580 79	
Personal property of State in administration building and employees' cottage, . . . . .	7,113 03	
Ready-made clothing, . . . . .	945 50	
Dry goods, . . . . .	1,826 79	
Provisions and groceries, . . . . .	1,845 73	
Drugs and medicines, . . . . .	1,681 84	
Fuel, . . . . .	7,132 50	
Library, . . . . .	600 00	
Other supplies undistributed, . . . . .	6,617 80	
	<hr/>	85,998 86

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\$358,644 86

## RECEIPTS.

Cash on hand Oct. 1, 1900, . . . . .		\$7,964 36
Received from State appropriations:—		
Cottage for patients, 1899, . . . . .	\$2,854 74	
Infirmary building, 1899, . . . . .	44,942 43	
Equipping workroom, 1899, . . . . .	82 41	
Boiler plant, 1900, . . . . .	13,641 76	
Laundry building and machinery, 1901, . . . . .	1,855 32	
Furnishing new buildings, 1901, . . . . .	2,406 57	
Painting, 1901, . . . . .	106 00	
Farm and buildings, 1901, . . . . .	3,500 00	
For current expenses, 1900, . . . . .	8,712 37	
For current expenses, 1901, . . . . .	12,080 04	
	<hr/>	
Total from appropriations, . . . . .		90,181 64
Received from State for board of patients, . . . . .	\$11,972 52	
Received from towns for board of patients, . . . . .	28,150 92	
Received from individuals for board of patients, . . . . .	2,994 38	
Received from farm and farm products, . . . . .	1,054 49	
Received from sale of barrels, junk, etc., . . . . .	104 65	
Received from store, . . . . .	287 78	
Received from interest, . . . . .	211 21	
Received from sundries, . . . . .	136 83	
Received from patients for safe keeping, . . . . .	408 72	
	<hr/>	
		45,321 50
	<hr/>	
Total receipts, . . . . .		\$143,467 50

## EXPENDITURES.

Salaries, wages and labor, . . . . .		\$27,916 81
Provisions and supplies:—		
Meat, . . . . .	\$2,864 34	
Fish, . . . . .	478 52	
Fruit and vegetables, . . . . .	874 65	
Flour, . . . . .	569 25	
Grain and meal for table, . . . . .	403 80	
Hay, grain and meal for stock, . . . . .	2,011 62	
Tea, coffee and chocolate, . . . . .	381 41	
Sugar, syrup and molasses, . . . . .	1,465 12	
Milk, butter and cheese, . . . . .	2,353 89	
Salt and other groceries, . . . . .	949 42	
All other provisions, . . . . .	1,590 34	
	<hr/>	
		13,942 36
Clothing, . . . . .		2,032 56
Fuel, . . . . .		5,159 06
Water, . . . . .		611 64
	<hr/>	
Amount carried forward, . . . . .		\$49,662 43



<i>Amount brought forward,</i>									\$49,662 43
Medicine and medical supplies,	.	.	.	.	.	.	.	.	1,400 77
Furniture, beds and bedding,	.	.	.	.	.	.	.	.	988 89
Transportation,	.	.	.	.	.	.	.	.	718 07
Expenses of trustees and superintendent,	.	.	.	.	.	.	.	.	522 59
Ordinary repairs,	.	.	.	.	.	.	.	.	2,155 17
All other current expenses,	.	.	.	.	.	.	.	.	5,827 14
									<hr/>
Total current expenses,	.	.	.	.	.	.	.	.	\$61,275 06
Other extraordinary expenses,	.	.	.	.	.	.	.	.	75,889 23
Paid to patients,	.	.	.	.	.	.	.	.	309 36
									<hr/>
Total expenditures,	.	.	.	.	.	.	.	.	\$137,473 65
Cash on hand Sept. 30, 1901,	.	.	.	.	.	.	.	.	5,993 85
									<hr/>
									\$143,467 50

## RESOURCES.

Cash on hand,	.	.	.	.	.		\$5,993 85
Bills receivable for board,	.	.	.	.	.		12,414 35
Other bills receivable,	.	.	.	.	.		54 58
Unexpended appropriations available,	.	.	.	.	.		39,548 44
							<hr/>
							\$58,011 22

## LIABILITIES.

Salaries unpaid,	.	.	.	.	.		\$2,514 37
Miscellaneous bills,	.	.	.	.	.		2,290 23
Construction bills, etc.,	.	.	.	.	.		3,282 67
Money belonging to patients,	.	.	.	.	.		352 83
							<hr/>
							8,440 10
							<hr/>
							\$49,571 12

Dividing the total current expenditures (\$61,275.06) by the average number of patients (261.40) shows an annual cost per patient of

Equivalent to an average weekly cost of

\$234 41+

4 49+

*Statement of Appropriations.*

APPROPRIATIONS.	Amount.	Expended previously.	Expended this Year.	Balance Available.
Cottage for patients, . . . .	\$10,000 00	\$6,076 40	\$2,854 74	\$1,068 86
Infirmory building, . . . .	75,000 00	21,183 69	44,942 43	8,873 88
Equipping workroom, . . . .	500 00	417 59	82 41	-
Current expenses, 1900, . . . .	15,000 00	6,287 63	8,712 37	-
Boiler plant, . . . . .	25,000 00	10,804 61	13,641 76	553 63
Current expenses, 1901, . . . .	15,000 00	-	12,080 04	2,919 96
Laundry building and machinery, .	9,500 00	-	1,855 32	7,644 68
Furnishing new buildings, . . . .	20,000 00	-	2,406 57	17,593 43
Farm and buildings, . . . . .	3,500 00	-	3,500 00	-
Painting, . . . . .	1,000 00	-	106 00	894 00
	\$174,500 00	\$44,769 92	\$90,181 64	\$39,548 44

CHAS. B. FISKE,

*Treasurer.*

The undersigned hereby certifies that he has compared the amount received for board and care of patients for the year ending Sept. 30, 1901 (\$43,117.82), with the estimated earnings of the hospital for the year, and finds them to agree. He finds vouchers on file at the hospital for disbursements for current expenses to the amount of \$67,775.06. The footings of the cash book have been verified, and show a balance in the hands of the treasurer on Sept. 30, 1901, of \$5,993.85, as follows:—

Deposited in Palmer National Bank, . . . . .	\$4,454 90
Cash vouchers, payments not entered, . . . . .	1,400 84
Cash in safe at hospital, . . . . .	138 11
	<hr/>
	\$5,993 85

GEO. L. CLARK,

*Auditor of Accounts.*

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# STATISTICAL TABLES.

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1. — General Statistics for the Year.

	INSANE.			SANE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1900, . . . . .	65	77	142	50	51	101	115	128	243
Admitted within the year, . . . . .	17	12	29	35	26	61	52	38	90
Returned from visit, . . . . .	-	-	-	2	2	4	2	2	4
Whole number of cases within the year, . . . . .	82	89	171	87	79	166	169	168	337
Discharged within the year, . . . . .	4	4	8	17	13	30	21	17	38
as much improved, . . . . .	-	-	-	2	1	3	2	1	3
as improved, . . . . .	2	3	5	10	9	19	12	12	24
as not improved, . . . . .	2	1	3	5	3	8	7	4	11
Deaths, . . . . .	5	6	11	4	2	6	9	8	17
Visits, . . . . .	1	1	2	7	3	10	8	4	12
Patients remaining Sept. 30, 1901, . . . . .	72	78	150	59	61	120	131	139	270
Viz.: State patients, . . . . .	14	26	40	16	14	30	30	40	70
town patients, . . . . .	57	50	107	34	42	76	91	92	183
private patients, . . . . .	1	2	3	9	5	14	10	7	17
Number of different persons within the year, . . . . .	81	89	170	86	78	164	167	167	334
Number of different persons admitted within the year, . . . . .	17	12	29	34	25	59	51	37	88
Daily average number of patients, . . . . .	68.73	81.99	150.72	57.15	53.53	110.68	125.88	135.52	261.40
Viz.: State patients, . . . . .	15.34	24.76	40.10	17.73	13.94	31.67	33.07	38.70	71.77
town patients, . . . . .	52.54	55.99	108.53	31.44	34.65	66.09	83.98	90.64	174.62
private patients, . . . . .	.85	1.24	2.09	7.98	4.94	12.92	8.83	6.18	15.01



2. — *Monthly Admissions, Discharges and Averages* — Concluded.

DAILY AVERAGE OF PATIENTS IN THE HOSPITAL.															
MONTHS.	DEATHS.														
	INSANE.			SANE.			TOTALS.								
	Males.		Females.	Males.		Females.	Males.		Females.	Males.		Females.	Totals.		
			Totals.			Totals.			Totals.			Totals.	Totals.		
1900.	October, .	-	-	-	60.84	80.65	141.49	55.35	47.52	102.87	116.19	128.17	244.36		
	November, .	-	-	-	61.84	80.74	142.58	54.50	47.76	102.26	116.34	128.50	244.84		
	December, .	-	-	-	63.84	79.71	143.55	50.29	46.83	97.12	114.13	126.54	240.67		
1901.	January, .	-	-	-	66.84	80.00	146.84	52.32	54.68	107.00	119.16	134.68	253.84		
	February, .	2	-	2	67.79	82.07	149.86	55.14	55.00	110.14	122.93	137.07	260.00		
	March, .	-	1	1	70.00	82.97	152.97	55.61	54.00	109.61	125.61	136.97	262.58		
	April, .	-	-	-	72.67	83.63	156.30	58.13	55.07	113.20	130.80	138.70	269.50		
	May, .	-	1	1	73.42	84.07	157.49	61.51	53.33	114.84	134.93	137.40	272.33		
	June, .	-	1	1	73.57	83.13	156.70	62.10	52.60	114.70	135.67	135.73	271.40		
	July, .	2	-	2	71.90	82.39	154.29	58.62	55.32	113.94	130.52	137.71	268.23		
	August, .	1	1	2	71.23	82.87	154.10	61.12	59.65	120.77	132.35	142.52	274.87		
	September, .	-	2	2	70.74	81.73	152.47	61.23	60.46	121.69	131.97	142.20	274.17		
Total of cases, .	5	6	11	4	2	6	9	8	17	-	-	-	-		
Total of persons, .	5	6	11	4	2	6	9	8	17	-	-	-	-		
Daily average, .	-	-	-	-	-	-	68.73	81.99	150.72	57.15	53.53	110.68	125.88	135.52	261.40

3. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	16	11	27	34	23	57	50	34	84
Second, . . . . .	1	1	2	1	3	4	2	4	6
Total of cases, . . . . .	17	12	29	35	26	61	52	38	90
Total of persons, . . . . .	17	12	29	34	25	59	51	37	88

4. — *Relations to Hospitals of Cases admitted.*

HOSPITAL RELATIONS.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Inmates of this hospital only, . . . . .	6	5	11	34	22	56	40	27	67
Former inmates of this hospital only, . . . . .	—	1	1	1	3	4	1	4	5
Former inmates of other hospitals: —									
Boston Insane Hospital, . . . . .	1	—	1	—	—	—	1	—	1
Hospital Cottages for Children, . . . . .	6	—	6	—	—	—	6	—	6
Hospital Cottages for Children and State Hospital.	—	3	3	—	—	—	—	3	3
Hospital Cottages for Children and Taunton Insane Hospital.	—	1	1	—	—	—	—	1	1
Hospital for Insane Criminals, . . . . .	1	—	1	—	—	—	1	—	1
School for the Feeble-minded, . . . . .	1	—	1	—	—	—	1	—	1
State Hospital, . . . . .	1	1	2	—	1	1	1	2	3
Westborough, . . . . .	1	1	2	—	—	—	1	1	2
Total of cases, . . . . .	17	12	29	35	26	61	52	38	90
Total of persons, . . . . .	17	12	29	34	25	59	51	37	88



5. — *Nativity and Parentage of Persons admitted.*

	INSANE.									SANE.									TOTALS.								
	MALES.			FEMALES.			TOTALS.			MALES.			FEMALES.			TOTALS.			MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	12	3	5	7	3	3	19	6	8	18	6	5	13	8	8	31	14	13	30	9	10	20	11	11	50	20	21
Other States: —																											
Connecticut,																											
Georgia,																											
Maine,																											
Maryland,																											
New Hampshire,																											
New York,																											
North Carolina,																											
Vermont,																											
Virginia,																											
Other countries: —																											
Canada,	1	3	2	2	2	1	3	5	3	6	9	6	1	1	2	7	10	8	7	12	8	3	3	3	10	15	11
England,																											
France,																											
Germany,																											
Ireland,																											
Poland,																											
Scotland,																											
Sweden,																											
On board ship,																											
Unknown,																											
Totals,	17	17	17	12	12	12	29	29	29	34	34	34	25	25	25	59	59	59	51	51	51	37	37	37	88	88	88

6.— *Residence of Persons admitted.*

COUNTIES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable, . . . .	1	—	1	—	—	—	1	—	1
Berkshire, . . . .	—	—	—	—	1	1	—	1	1
Bristol, . . . . .	—	—	—	4	2	6	4	2	6
Essex, . . . . .	—	—	—	1	4	5	1	4	5
Hampden, . . . . .	1	—	1	1	2	3	2	2	4
Hampshire, . . . .	1	—	1	1	—	1	2	—	2
Middlesex, . . . .	4	3	7	9	3	12	13	6	19
Norfolk, . . . . .	1	1	2	3	1	4	4	2	6
Plymouth, . . . . .	—	1	1	—	2	2	—	3	3
Suffolk, . . . . .	4	4	8	11	8	19	15	12	27
Worcester, . . . . .	5	3	8	4	2	6	9	5	14
Totals, . . . . .	17	12	29	34	25	59	51	37	88

## 7. — Civil Condition of Persons admitted.

## INSANE.

NUMBER OF THE ADMISSION.										UNMARRIED.			MARRIED.			WIDOWED.			DIVORCED.			TOTALS.			
										Males.		Females.	Totals.	Males.		Females.	Totals.	Males.		Females.	Totals.	Males.		Females.	Totals.
First,	.	.	.	.	.	.	.	.	.	15	8	23	1	2	3	-	1	1	-	-	16	11	27		
Second,	.	.	.	.	.	.	.	.	.	1	1	2	-	-	-	-	-	-	-	-	1	1	2		
Total of cases,	.	.	.	.	.	.	.	.	.	16	9	25	1	2	3	-	1	1	-	-	17	12	29		
Total of persons,	.	.	.	.	.	.	.	.	.	16	9	25	1	2	3	-	1	1	-	-	17	12	29		
SANE.																									
First,	.	.	.	.	.	.	.	.	.	26	19	45	7	2	9	-	2	2	1	-	34	23	57		
Second,	.	.	.	.	.	.	.	.	.	1	3	4	-	-	-	-	-	-	-	1	3	4			
Total of cases,	.	.	.	.	.	.	.	.	.	27	22	49	7	2	9	-	2	2	1	-	35	26	61		
Total of persons,	.	.	.	.	.	.	.	.	.	26	21	47	7	2	9	-	2	2	1	-	34	25	59		
TOTALS.																									
First,	.	.	.	.	.	.	.	.	.	41	27	68	8	4	12	-	3	3	1	-	50	34	84		
Second,	.	.	.	.	.	.	.	.	.	2	4	6	-	-	-	-	-	-	-	2	4	6			
Total of cases,	.	.	.	.	.	.	.	.	.	43	31	74	8	4	12	-	3	3	1	-	52	38	90		
Total of persons,	.	.	.	.	.	.	.	.	.	42	30	72	8	4	12	-	3	3	1	-	51	37	83		

8. — *Occupations of Persons admitted.*

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Carpenter, . . .	-	1	1	Furniture finisher, .	-	1	1
Clerks, . . .	-	3	3	Moulder, . . .	-	1	1
Druggist, . . .	-	1	1	Physician, . . .	-	1	1
Errand boys, . . .	-	2	2	Teamster, . . .	-	1	1
Farmers, . . .	-	3	3	Weavers, . . .	-	3	3
Foundry, . . .	-	1	1	Unknown, . . .	17	14	31
Gilder, . . .	-	1	1	Totals, . . .	17	34	51
Grocery delivery, .	-	1	1				

## FEMALES.

Domestics, . . .	3	6	9	Teacher, . . .	-	1	1
Housewife, . . .	1	-	1	Unknown, . . .	7	17	24
Mill operatives, . .	1	-	1	Totals, . . .	12	25	37
Student, . . .	-	1	1				

## DAUGHTER OR WIFE OF —

Butcher, . . .	-	1	1	Manufacturer, . .	-	1	1
Brush maker, . . .	-	1	1	Mason, . . .	1	-	1
Coopers, . . .	-	2	2	Mill operative, .	-	1	1
Gas works employee,	-	1	1	Sailor, . . .	1	-	1
Farmers, . . .	1	7	8	Weavers, . . .	-	2	2
Laborers, . . .	-	6	6	Totals, . . .	15	48	63
Machinist, . . .	-	1	1				



9. — *Probable Causes of Disease in Persons admitted.\**

	INSANE.			SANE.			Totals.
	Males.	Females.	Totals.	Males.	Females.	Totals.	
Alcoholism, . . .	—	—	—	2	—	2	2
Anger, . . .	—	—	—	—	1	1	1
Blow over stomach, .	—	—	—	1	—	1	1
Cerebral hemorrhage,	1	1	2	1	—	1	3
Fright, . . .	—	—	—	1	2	3	3
Grief, . . .	—	—	—	—	1	1	1
Heredity, . . .	1	2	3	1	3	4	7
Injury to head, . .	—	2	2	5	2	7	9
Masturbation, . . .	—	1	1	2	—	2	3
Meningitis, . . .	—	—	—	1	—	1	1
Menstruation, . . .	—	1	1	—	2	2	3
Overwork, . . .	—	—	—	—	1	1	1
Puberty, . . .	—	1	1	—	—	—	1
Scarlatina, . . .	—	1	1	—	2	2	3
Stomach trouble, . .	—	—	—	1	1	2	2
Sunstroke, . . .	—	1	1	4	—	4	5
Syphilis, . . .	1	—	1	—	—	—	1
Teething, . . .	1	—	1	1	—	1	2
Typhoid fever, . . .	—	—	—	1	—	1	1
Unknown, . . .	13	2	15	13	10	23	38
Totals, . . .	17	12	29	34	25	59	88

\* Assigned causes.

10. — Record of Cases admitted within the Year.

PATIENTS.	INSANE.			SANE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted, . . . . .	17	12	29	35	26	61	52	38	90
Discharged improved, . . . . .	2	1	3	7	2	9	9	3	12
not improved, . . . . .	—	1	1	3	3	6	3	4	7
died, . . . . .	2	—	2	2	—	2	4	—	4
on visit, . . . . .	1	—	1	5	1	6	6	1	7
Remaining Sept. 30, 1901, . . . . .	12	10	22	18	20	38	30	30	60
Number likely to recover, . . . . .	—	—	—	—	—	—	—	—	—
Number likely to improve, . . . . .	2	—	2	15	3	18	17	3	20

11. — *Ages of Epileptics at First Attack, Admission and Death.*

## INSANE.

AGES.	PERSONS ADMITTED.				PERSONS DIED.							
	AT FIRST ATTACK.			WHEN ADMITTED.		AT FIRST ATTACK.			AT TIME OF DEATH.			
	Males.	Females.	Totals.	Males.*	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	-	2	2	-	2	-	-	5	-	-	-	-
15 years and less, .	11	8	19	3	3	5	2	3	2	1	1	2
From 15 to 20 years,	2	1	3	6	3	9	-	-	-	1	3	2
20 to 25 years,	1	-	1	1	-	1	-	-	-	-	1	2
25 to 30 years,	-	-	-	2	2	4	-	-	-	1	-	3
30 to 35 years,	-	1	1	1	1	2	-	-	-	-	-	1
35 to 40 years,	-	-	-	1	3	4	-	-	-	-	-	-
40 to 50 years,	1	-	1	2	1	3	-	-	-	1	1	2
50 to 60 years,	-	-	-	1	-	1	-	-	-	-	-	-
60 to 70 years,	-	-	-	-	-	-	-	-	-	-	1	1
70 to 80 years,	-	-	-	-	-	-	-	-	-	-	-	-
Unknown, .	2	-	2	-	-	-	-	-	1	-	-	-
Total of cases, .	17	12	29	17	12	29	5	6	11	5	6	11
Total of persons,	17	12	29	17	12	29	5	6	11	5	6	11
Mean ages, .	12.33	11	10.92	24.70	25.41	25.25	7.7	11.5	9.5	21	32.5	24.54

11. — *Ages of Epileptics at First Attack, Admission and Death — Concluded.*

SANE.

AGES.	PERSONS ADMITTED.				PERSONS DIED.				
	AT FIRST ATTACK.		WHEN ADMITTED.		AT FIRST ATTACK.		AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	2	—	2	—	—	—	—	—	—
15 years and less, . . . . .	16	18	34	3	1	4	2	—	—
From 15 to 20 years, . . . . .	5	2	7	8	6	14	1	—	1
20 to 25 years, . . . . .	6	1	7	7	10	17	1	1	2
25 to 30 years, . . . . .	2	2	4	7	1	8	—	—	—
30 to 35 years, . . . . .	2	—	2	4	1	5	—	—	—
35 to 40 years, . . . . .	—	—	—	2	—	2	—	—	—
40 to 50 years, . . . . .	1	2	3	3	4	7	—	—	—
50 to 60 years, . . . . .	—	1	1	1	2	3	1	1	2
60 to 70 years, . . . . .	—	—	—	—	1	1	—	—	—
70 to 80 years, . . . . .	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	1	—	1	—	—	—	—	—	—
Total of cases, . . . . .	35	26	61	35	26	61	4	2	6
Total of persons, . . . . .	34	25	59	34	25	59	4	2	6
Mean ages, . . . . .	15.85	15.09	15.52	25.92	28.94	27.21	13.75	43.75	32.91



## TOTALS.

Congenital, . . .	2	4	-	6	-	3	-	9	-	7	-	3	-	2	-	1	-	2	-
15 years and less, . .	27	53	26	14	3	9	23	1	3	1	4	2	1	3	4	1	1	3	4
From 15 to 20 years,	7	10	3	8	10	3	18	1	3	1	1	2	1	3	1	1	1	3	4
20 to 25 years,	2	4	2	9	3	2	12	-	-	-	-	-	-	-	-	-	-	-	-
25 to 30 years,	2	3	1	5	2	2	7	-	-	-	-	-	-	-	-	-	-	-	-
30 to 35 years,	2	3	1	3	3	3	6	-	-	-	-	-	-	-	-	-	-	-	-
35 to 40 years,	-	4	2	5	5	5	10	-	-	-	-	-	-	-	-	-	-	-	-
40 to 50 years,	2	1	2	5	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-
50 to 60 years,	-	1	1	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
60 to 70 years,	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
70 to 80 years,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown, . . .	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total of cases, . .	52	90	38	52	38	38	90	9	8	17	17	9	8	17	17	8	17	8	17
Total of persons, . .	51	88	37	51	37	37	88	9	8	17	17	9	8	17	17	8	17	8	17
Mean ages, . . .	14.5	14.78	13.98	25.72	28.02	28.02	28.58	10.27	20	14.53	14.53	23.33	35.31	28.94	28.94	35.31	28.94	35.31	28.94

## 12. — Reported Duration of Disease before Last Admission.

PREVIOUS DURATION.	INSANE.						SANE.						TOTALS.					
	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER AD- MISSIONS.			FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER AD- MISSIONS.			FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER AD- MISSIONS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . .	-	-	-	-	1	1	1	-	-	-	-	-	1	-	1	1	1	2
Under 1 month, . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
From 1 to 3 months, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 to 6 months, . .	-	-	-	-	-	-	1	-	-	-	-	1	1	-	1	1	-	1
6 to 12 months, . .	-	-	-	-	-	-	2	-	-	-	-	2	2	-	2	2	-	2
1 to 2 years, . . .	-	-	-	-	-	-	1	-	1	-	1	2	1	-	1	1	1	2
2 to 5 years, . . .	1	1	2	2	1	3	6	2	8	1	-	1	7	2	9	3	4	14
5 to 10 years, . . .	2	-	2	2	1	3	5	3	8	-	1	1	5	4	9	2	5	14
10 to 20 years, . .	-	2	2	5	2	7	14	11	25	-	1	1	14	12	26	14	13	35
Over 20 years, . . .	3	2	5	1	1	2	4	6	10	-	1	1	4	7	11	7	8	18
Unknown, . . . . .	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	1	1	2
Total of cases, . .	6	5	11	11	7	18	34	22	56	1	4	5	35	26	61	40	27	67
Total of persons, . .	6	5	11	11	7	18	33	21	54	1	4	5	34	25	59	39	26	65
Average duration in years, . . . . .	18.41	24.5	21.22	12.1	14	12.81	13.62	18.82	16.86	11.79	11.75	10.14	11.58	15.75	13.34	10.28	17.98	13.38
										3.5						11.31	13.1	12.16
																10.5	16.66	11.6

14. — Discharges, classified by Admission and Result.

NUMBER OF THE ADMISSION.	MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —															
First, . . . . .	—	—	—	2	3	5	2	1	3	5	6	11	9	10	19
B. — Sane epileptics : —															
First, . . . . .	2	1	3	10	9	19	4	3	7	3	2	5	19	15	34
Second, . . . . .	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1
Third, . . . . .	—	—	—	—	—	—	—	—	—	1	—	1	1	—	1
Total of cases, . . . . .	2	1	3	12	12	24	7	4	11	9	8	17	30	25	55
Total of persons, . . . . .	2	1	3	12	12	24	7	4	11	9	8	17	30	25	55

*15. — Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system : —									
Exhaustion from epilepsy,	1	3	4	2	—	2	3	3	6
Status epilepticus, . .	3	—	3	1	—	1	4	—	4
Cerebral thrombosis, .	—	—	—	—	1	1	—	1	1
Circulatory system : —									
Angina pectoris, . . .	—	—	—	1	—	1	1	—	1
Respiratory system : —									
Acute miliary tuberculo- sis, . . . . .	—	2	2	—	—	—	—	2	2
Pulmonary tuberculosis, .	—	—	—	—	1	1	—	1	1
Pneumonia, . . . .	1	—	1	—	—	—	1	—	1
General : —									
Suicide by strangulation, .	—	1	1	—	—	—	—	1	1
Totals, . . . . .	5	6	11	4	2	6	9	8	17



## 17. — Deaths, classified by Duration of Disease and Treatment.

## INSANE.

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION OF ATTACK.			WHOLE KNOWN PERIOD OF DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Epileptic: —												
Congenital, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	1	—	1	—	—	—	1	—	1
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	—	—	—	1	—	1	—	—	—	—	—	—
1 to 2 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
2 to 5 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
5 to 10 years, . . . . .	1	2	3	3	5	8	1	2	3	2	4	6
10 to 20 years, . . . . .	2	1	3	—	—	—	2	1	3	—	1	1
Over 20 years, . . . . .	2	3	5	—	—	—	2	3	5	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—	2	—	2
Totals, . . . . .	5	6	11	5	6	11	5	6	11	5	6	11
Average in months, . . . . .	243.2	290	268.72	27.4	21.33	24.09	248.4	302	277.63	28.66	46	40.22

17. — Deaths, classified by Duration of Disease and Treatment — Concluded.

SANE.

PERIOD.	LAST ATTACK.			ALL ATTACKS.											
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION OF ATTACK.			WHOLE KNOWN PERIOD OF DISEASE.			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Epileptic:—															
Congenital, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	2	—	2	—	—	—	—	—	—	2	—	2
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 2 years, . . . . .	—	—	—	1	1	2	—	—	—	—	—	—	1	1	2
2 to 5 years, . . . . .	1	—	1	1	1	2	1	1	2	1	1	2	1	1	2
5 to 10 years, . . . . .	—	2	2	—	—	—	2	1	3	2	1	3	—	—	—
10 to 20 years, . . . . .	2	—	2	—	1	—	—	1	—	1	—	—	—	—	—
Over 20 years, . . . . .	1	—	1	—	—	—	1	—	—	1	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .	4	2	6	4	2	6	4	2	6	4	2	6	4	2	6
Average in months, . . . . .	163.5	90	139	169.5	135	158	16.95	135	158	16.95	135	158	16	30	20.66



## ARTICLES MADE IN THE SEWING ROOM.

---

Sheets, . . . . .	329	Aprons, . . . . .	117
Pillow cases, . . . . .	607	Skirts, . . . . .	3
Pillow ticks, . . . . .	43	Nightdresses, . . . . .	4
Bed ticks, . . . . .	16	Drawers, pairs, . . . . .	5
Table cloths, . . . . .	32	Coats, . . . . .	2
Napkins, . . . . .	204	Bibs, . . . . .	21
Curtains, . . . . .	88	Screen filling, . . . . .	1
Bureau covers, . . . . .	21	Suspenders, pairs, . . . . .	26
Towels, . . . . .	1,473	Garters, pairs, . . . . .	68
Clothes bags, . . . . .	42	Shirts, . . . . .	228
Clothes-pin bag, . . . . .	1	Bandages, . . . . .	8
Tea and coffee bags, . . . . .	33	Caps, . . . . .	11
Vanilla bean bags, . . . . .	4	Hats trimmed, . . . . .	13
Rugs, . . . . .	52	Blankets hemmed, . . . . .	29
Dusters, . . . . .	66	Pads, . . . . .	12
Oven cloths, . . . . .	9	Mattress protectors, . . . . .	2
Floor swabs, . . . . .	73	Chest protector, . . . . .	1
Holders, . . . . .	40	Awnings, . . . . .	4
Dress skirt, . . . . .	1	Trousers shortened, pairs, . . . . .	40
Sack, . . . . .	1	Sleeves shortened, pairs, . . . . .	4

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## ARTICLES MADE IN THE WARDS.

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Shirt waists, . . . . .	13	Sheets, . . . . .	97
Dresses, . . . . .	181	Dish towels, . . . . .	161
Dress skirts, . . . . .	7	Napkins, . . . . .	51
Corset covers, . . . . .	14	Holders, . . . . .	97
Chemises, . . . . .	97	Scrub cloth, . . . . .	1
Drawers, pairs, . . . . .	107	Rug, . . . . .	1
Petticoats, . . . . .	66	Aprons, . . . . .	215
Nightdresses, . . . . .	187	Rubber aprons, . . . . .	4
Bibs, . . . . .	32	Canvas aprons, . . . . .	3
Bandages, . . . . .	134		



## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOM.

Boots made, pairs, . . .	18	Pillows renovated, . . .	230
Shoes made, pairs, . . .	93	Pillows made, . . .	22
Slippers made, pairs, . . .	48	Harnesses repaired, . . .	21
Boots, shoes and slippers re- paired, pairs, . . .	305	Suspenders made, pairs, . . .	7
Boots, shoes and slippers marked, . . .	95	Wristers made, . . .	3
Step ladders made, . . .	13	Shoulder brace made, . . .	1
Clothes racks made, . . .	2	Carriage robes made, . . .	3
Mops made, . . .	28	Drawer made, . . .	1
Milk stool made, . . .	1	Garden hoes made, . . .	2
Blanket box covers made, . . .	8	Base balls made, . . .	4
Tent poles made, . . .	30	Baskets made, . . .	12
Clothes hangers made, . . .	126	Base ball mittens made, . . .	2
Ice cart covering made, . . .	1	Face protector made, . . .	1
Coats made, . . .	261	Garden rakes made, . . .	5
Vests made, . . .	62	Stands made, . . .	4
Trousers made, pairs, . . .	112	Screens made, . . .	2
Overalls made, pairs, . . .	20	Hair picked, pounds, . . .	75
Drawers made, pairs, . . .	24	Blankets eyeleted, . . .	19
Undershirts made, . . .	36	Chairs reseatd, . . .	27
Suspenders made, pairs, . . .	24	Electric poles peeled, . . .	12
Match holders made, . . .	30	Piazza floor wedged, . . .	1
Sawdust bags made, . . .	12	Cigar box made, . . .	1
		Blanks printed, . . .	10,865
		Weekly paper printed, copies, . . .	2,530

## FARM PRODUCTS

FROM OCT. 1, 1900, TO OCT. 1, 1901.

---

Milk, 124,565 quarts, . . . . .	\$4,982 60
Eggs, 164 $\frac{1}{3}$ dozen, . . . . .	41 08
Hay, 188 tons, . . . . .	3,384 00
Meadow hay, 17 tons, . . . . .	170 00
Oat hay, 7 tons, . . . . .	84 00
Ensilage, 300 tons, . . . . .	900 00
Green fodder, 16 tons, . . . . .	48 00
Rhubarb, 2,090 pounds, . . . . .	83 60
Strawberries, 555 quarts, . . . . .	83 25
Currants, 273 quarts, . . . . .	27 30
Lettuce, 4,243 heads, . . . . .	84 86
Green peas, 69 $\frac{3}{4}$ bushels, . . . . .	87 17
Cucumbers, 4,492, . . . . .	89 84
Cucumbers for pickles, 3 $\frac{1}{4}$ bushels, . . . . .	5 62
Sweet corn, 5,222 ears, . . . . .	52 22
Tomatoes, ripe, 148 bushels, \$88.80; green, 100 bushels, \$50.00, . . . . .	138 80
Beet greens, 12 bushels, . . . . .	6 00
Winter squash, 1,700 pounds, . . . . .	17 00
Garden beans, 34 bushels, . . . . .	34 00
Peaches, 1 $\frac{1}{2}$ bushels, . . . . .	3 00
Pears, 13 bushels, . . . . .	26 00
Quinces, 1 $\frac{1}{2}$ bushels, . . . . .	1 50
Apples, 250 barrels, . . . . .	750 00
Cider apples, 75 bushels, . . . . .	11 25
Crab apples, 7 $\frac{1}{2}$ bushels, . . . . .	7 50
Plums, $\frac{1}{4}$ bushel, . . . . .	50
Radishes, 206 bunches, . . . . .	10 30
Horseradish, 15 barrels, . . . . .	15 00
Peppers, $\frac{3}{4}$ bushel, . . . . .	75
Potatoes, 650 bushels, . . . . .	650 00
Cabbage, 1 $\frac{3}{4}$ tons, . . . . .	52 50
Turnips, 125 bushels, . . . . .	50 00
Table beets, 53 bushels, . . . . .	39 75
Carrots, 64 $\frac{1}{2}$ bushels, . . . . .	38 70
Onions, 188 $\frac{1}{2}$ bushels, . . . . .	188 50

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*Amount carried forward,* . . . . . \$12,164 59



## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

---

Superintendent, per year, . . . . .	\$2,500 00
Assistant physician, per year, . . . . .	1,250 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	500 00
Stenographer, per month, . . . . .	25 00
Steward, per month, . . . . .	55 00
Drug clerk, per month, . . . . .	25 00
Night nurses (men, 2), per month, . . . . .	20 00
Nurses (men, 11), per month, . . . . .	\$20 00-30 00
Night nurses (women, 2), per month, . . . . .	18 00
Nurses (women, 13), per month, . . . . .	14 00-22 00
Engineer, per year, . . . . .	900 00
Assistant engineer, per month, . . . . .	45 00
Helper, per month, . . . . .	35 00
Firemen (2), per month, . . . . .	25 00-28 00
Watchman, per month, . . . . .	25 00
Baker, per month, . . . . .	40 00
Cooks (4), per month, . . . . .	22 00-25 00
Assistant cooks (2), per month, . . . . .	14 00
Table girls (3), per month, . . . . .	18 00
Foreman industrial room, per month, . . . . .	40 00
Seamstress, per month, . . . . .	25 00
Assistant seamstress, per month, . . . . .	18 00
Laundress, per month, . . . . .	25 00
Laundrymen (2), per month, . . . . .	20 00
Assistant laundresses (3), per month, . . . . .	14 00-18 00
Farmer, per year, . . . . .	700 00
Assistant farmers (6), per month, . . . . .	20 00-30 00
Handy man, per month, . . . . .	33 00
Gardener, per month, . . . . .	35 00
Driver, per month, . . . . .	32 00
Head carpenter, per day, . . . . .	2 50
Assistant carpenters (2), per day, . . . . .	2 25
Painter, per day, . . . . .	2 00
Mason, per day, . . . . .	2 50



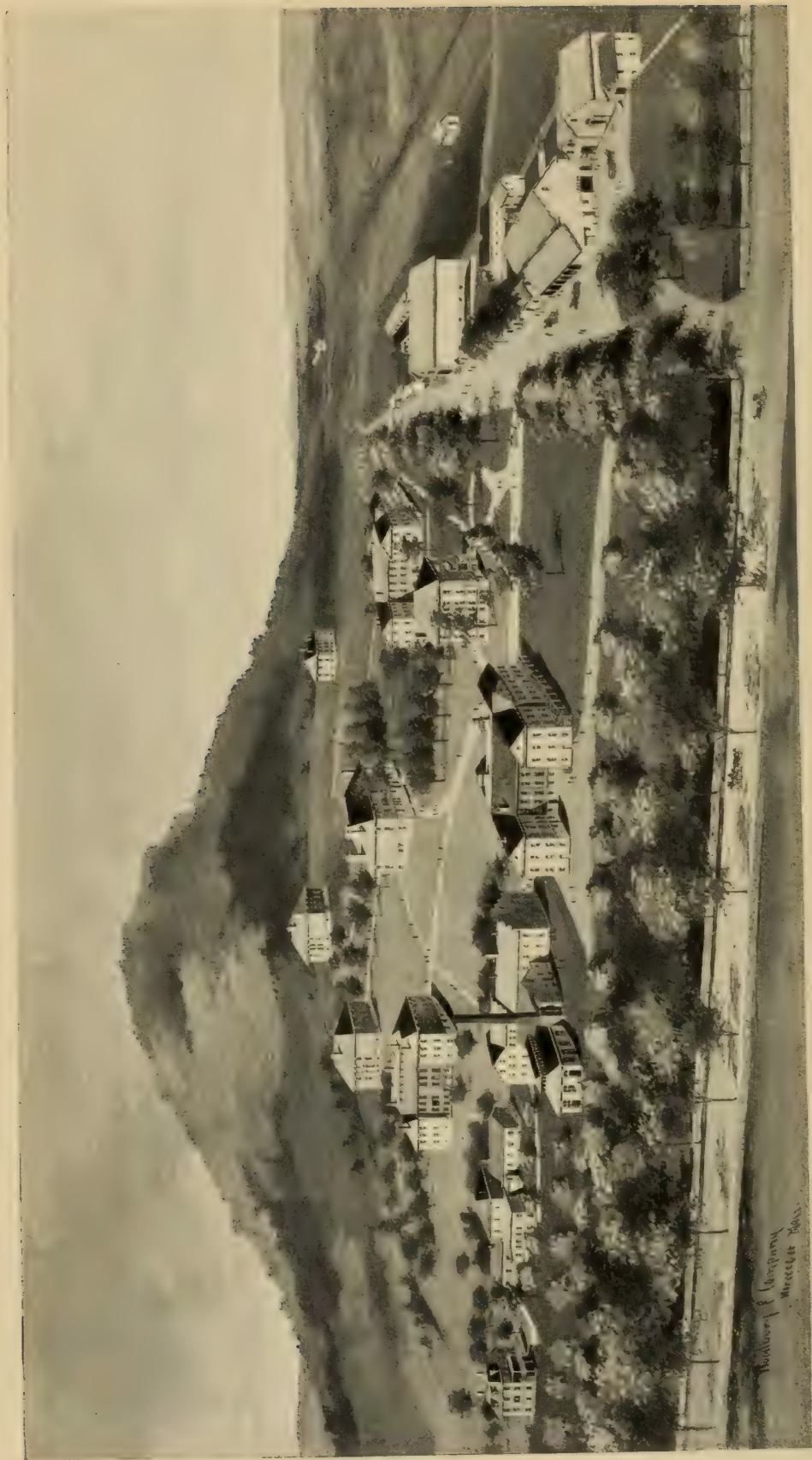
*Trustees of the Massachusetts Hospital for Epileptics.*

NAMES.	Residence.	When appointed.	Service ended.
William N. Bullard, M.D., . .	Boston, . .	1895	Still in office.
Albert C. Getchell, M.D., . .	Worcester, . .	1895	1900. Resigned.
Burnham R. Benner, M.D., . .	Lowell, . .	1895	1901. Resigned.
Adelaide A. Calkins, . . .	Springfield, . .	1895	Still in office.
Charles A. Clough, . . . .	Boston, . .	1895	Still in office.
William S. Hyde,* . . . .	Ware, . .	1895	Died in office.
Mabel W. Stedman, . . . .	Brookline, . .	1895	Still in office.
Henry M. Phillips, . . . .	Springfield, . .	1899	Still in office.
Henry P. Jaques, M.D., . . .	Lenox, . .	1900	Still in office.
Walter W. Schofield, M.D., . .	Dalton, . .	1901	Still in office.

\* Deceased.







BIRD'S-EYE VIEW OF THE MASSACHUSETTS HOSPITAL FOR EPILEPTICS.



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REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER)

FOR THE

YEAR ENDING SEPTEMBER 30, 1902.



BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,

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1903.

*C.*

APPROVED BY  
THE STATE BOARD OF PUBLICATION.

1911

ATTEST

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# OFFICERS

## OF THE

### MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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#### TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> , . . .	BOSTON.
CHARLES A. CLOUGH, <i>Secretary</i> , . . .	GROTON.
ADELAIDE A. CALKINS, . . .	SPRINGFIELD.
MABEL W. STEDMAN, . . .	BROOKLINE.
HENRY P. JAQUES, M.D., . . .	LENOX.
WALTER W. SCOFIELD, M.D., . . .	DALTON.
WINFORD N. CALDWELL, . . .	SPRINGFIELD.

---

#### RESIDENT OFFICERS.

EVERETT FLOOD, M.D., . . .	<i>Superintendent.</i>
ARTHUR O. MORTON, M.D., . . .	} <i>Assistant Physician and</i>
MORGAN B. HODSKINS, M.D., . . .	
LILLIAN M. KINCAID, . . .	<i>Clerk.</i>
MARY W. WENTWORTH, . . .	<i>Stenographer.</i>
CHARLES F. SIMONDS, . . .	<i>Steward and Storekeeper.</i>
GEORGE E. BATES, . . .	<i>Engineer.</i>
J. W. WILLIAMS, . . .	<i>Farmer.</i>

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#### TREASURER.

CHAS. B. FISKE, . . .	PALMER.
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OFFICE AT THE HOSPITAL.



# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and Honorable Council.*

We have to report the following appropriations, and disposition made of them.

The only unexpended appropriation of 1900 is one of \$9,500 for a laundry building and machinery. This building is 120 feet long, 60 feet wide, constructed with a monitor roof. It has a granolithic floor over one half and a wooden floor with a large basement room in the other half. The basement room will be available for the use of steam fitters' supplies and apparatus, and will make a convenient work room for steam fitting and other such work.

The construction of this building has gone on very slowly, because we have tried to have as much of the work as possible done by the labor of the patients and of the regular hospital employees; it is now, however, practically completed, and some of the machinery has already been put in place. It is likely that the transfer of the rest of the machines from the old laundry and the purchase of such new machines as our means will allow will be completed within the next few months. We now feel that we have a thoroughly convenient and commodious laundry.

The treasurer's statement renders an account of all other appropriations in full for the year 1900.

The buildings erected with these funds have now been fully completed and furnished.

Appropriations for the construction and furnishing of a nurses' home and for an electric building and its equipment were granted us by the last Legislature, and the work on

these buildings has been begun. An immense amount of research has been necessary relative to the electric outfit; but we hope to install a plant that will be both economical and capable of being modified to such a degree that it will not soon become out of date. By the application of this power, light and heat, we shall be able to carry on our work much more satisfactorily and with greater economy.

The home for nurses, women only, provides a small single room for each nurse. We have made this building plain, and reduced its size and the price for its construction to a very low limit. The furnishing will also have to be most economically managed; but we expect it to provide for the women nurses more satisfactory and comfortable quarters than they now have, as well as to diminish somewhat the crowded condition of the wards by making available for patients some rooms now used for nurses.

We have already submitted to the State Board a statement covering in a general way our plans for the future. We trust that we may accomplish our part in filling in the general plan of the State Board in caring for the insane and epileptic. We expect to provide for a few more patients this year and for others in the succeeding years as means are granted us, and to do this, a pretty definite plan has been reached, — one which will, in our opinion, best further the interests of the several grades of patients to be cared for here.

For the coming year our plans have been practically matured, though we have had to select from among a number of very pressing needs those most immediately pressing. We have decided our most urgent requirement to be a farm group to care for our farm workers, both patients and employees, and to give increased space for stock and produce. The removal of this group of patients from our present buildings will enable us to classify our patients to better advantage than before, since we can thus separate our farm working patients from the other patients, giving them greater liberties and privileges, while at the same time rendering them more efficient for our work; removing the farm employees somewhat from the general employees of the hospital, and providing for a certain number of additional patients. We also consider that it is wise to increase



our facilities for producing milk and farm produce. These results may be accomplished by the construction of entirely new buildings for the farm group, or it may come about from the purchase of land upon which certain buildings already exist, modifying these buildings to meet our needs and constructing new ones. The cost will be practically the same in either case.

The estimate for this, being reduced to the lowest economical limit, has been set at \$50,000. Accurate figures and details will, according to custom, be furnished to the State Board. For this sum we expect to add buildings for the accommodation of about 40 patients who can do farm work, a suitable home for our farmer and his helpers and to furnish facilities for the care of additional stock; and we hereby petition the Legislature for an appropriation of that sum, to be expended, or so much of it as shall be necessary, for such purposes.

To our great regret, Col. H. M. Phillips declined reappointment last July. He has been a valuable member of the Board, and from his special knowledge has been able to furnish us with information which we could have obtained only with great difficulty elsewhere. Mr. W. N. Caldwell of Springfield has been appointed his successor.

Respectfully submitted,

WILLIAM N. BULLARD.  
CHARLES A. CLOUGH.  
ADELAIDE A. CALKINS.  
MABEL W. STEDMAN.  
HENRY P. JAQUES.  
WALTER W. SCOFIELD.  
WINFORD N. CALDWELL.

# REPORT OF THE SUPERINTENDENT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The following report is respectfully submitted:—

Number of patients Sept. 30, 1901,	.	.	.	.	.	.	.	.	270
Since admitted:—									
Sane (4 from visit),	.	.	.	.	.	.	.	.	69
Insane,	.	.	.	.	.	.	.	.	115
Discharged and on visit:—									
Sane.— Much improved,	.	.	.	.	.	.	.	.	1
Improved,	.	.	.	.	.	.	.	.	18
Not improved,	.	.	.	.	.	.	.	.	9
Died,	.	.	.	.	.	.	.	.	7
On visit,	.	.	.	.	.	.	.	.	11
Escaped,	.	.	.	.	.	.	.	.	1
								—	47
Insane.— Improved,	.	.	.	.	.	.	.	.	11
Not improved,	.	.	.	.	.	.	.	.	3
Died,	.	.	.	.	.	.	.	.	14
On visit,	.	.	.	.	.	.	.	.	2
								—	30
Number of patients remaining Sept. 30, 1902,	.	.	.	.	.	.	.	.	377
Daily average of patients,	.	.	.	.	.	.	.	.	322.63
Per capita cost (per week),	.	.	.	.	.	.	.	.	\$4.31

I have attempted to render such a statement as, taken in conjunction with the reports of previous years, will make a connected account of all the main features of our work so far as they come under my care.

In an institution where there are so many pressing needs it is not easy to select the most urgent; but after careful consideration of all our circumstances I wish to present the following, as in my judgment requiring early action:—

## NEEDS OF PRESENT YEAR.

1. Farm group as outlined.
2. Additional room, so that there may be a general employees' dining room.

## NEEDS OF NEXT YEAR.

1. A cold storage plant.
2. An asylum building for the special care of 50 men; an asylum building for the special care of 50 women.
3. Balconies on the present men's and women's hospitals.
4. A laboratory building.

I am well aware that we need separate cottages for colony cases; but it seems to me that by providing a farm group and asylum buildings we shall be able so to classify and rearrange that this end will be partly attained, and that we can make a good number of strictly sane cases very comfortable and give them advanced treatment. The cottages may possibly be deferred.

As for the asylum plan, we certainly feel a pressing need of suitable houses for the insane. An insane department under a separate medical head, so far as may be thought wise, but for the convenience of frequent transfers not too far away, is, in my judgment, desirable for the welfare of the patients. Maniacal attacks are so frequent and unavoidable, even with many of the best class of cases, that such a building needs to be a part of our general plan, just as our present infirmary is needed for the temporarily sick.

## TRAINING SCHOOL.

*List of Graduates, Massachusetts Hospital for Epileptics Training School for Nurses, 1902.*

Manwarring, Annabelle M. D.  
Rowe, Hattie E.  
Smith, Alice B.  
Briggs, Carroll W.

Manwarring, Edwin S.  
McKeever, James L.  
McKeever, Walter L.



*Medical Lectures.*

DATE.	NAME.	Subject.
<b>1902.</b>		
Jan. 31, .	Dr. H. C. Emerson, .	Bacteriology.
Feb. 6, .	Dr. H. C. Emerson, .	Bacteriology.
Feb. 14, .	Dr. M. B. Hodskins, .	Typhoid fever.
Feb. 21, .	Dr. A. O. Morton, .	Diseases of the organs of respiration.
March 14, .	Dr. P. W. Soule, .	Some facts about the teeth.
March 20, .	Dr. G. E. Fuller, .	Reminiscences from a physician's life.
March 25, .	Dr. L. C. Miller, .	Hygiene of the sick room.
April 4, .	Dr. J. P. Schneider, .	Vaccination.
April 11, .	Dr. A. C. Getchell, .	The heart.
April 17, .	Dr. T. S. Bacon, .	Communicable diseases.
April 18, .	Dr. A. C. Getchell, .	Pulmonary tuberculosis
April 25, .	Dr. T. S. Bacon, .	General points in nursing.
May 25, .	Dr. Everett Flood, .	Closing address and presentation of diplomas.

The training school course has been lengthened to three years.

## PAPERS WRITTEN.

The following papers have been prepared during the year by the superintendent and his assistants : —

1. Two addresses on subjects not medical.
2. Address before men's meeting, Monson, on "State Charities."
3. Address to graduates of training class.
4. Paper on "Terms used to describe epileptic phenomena," before the Hampden District Medical Society.
5. Abstract of Kraepelin on katatonia.
6. Abstract of Kraepelin on dementia precox.
7. Typhoid fever, for training class.
8. Diseases of the organs of respiration, for the training class.
9. The lymphatic system.
10. A few points on urinalysis.
11. Manual of instruction, for employees.
12. Enumeration of the epileptic persons in Hampden County and three towns of Worcester County.
13. Care of epileptics in Massachusetts, for "American Academy of Medicine."
14. Massachusetts Hospital for Epileptics, for "American Journal of Insanity."



Many of these papers have been put in print by the industrial room plant.

#### OBSERVATIONS UNDER WAY.

1. Psychological studies.
2. Observations on diet.
3. Treatment of ordinary conditions.
4. Treatment of status.
5. Training: self-restraint; industrial; school.
6. The well meaning of epileptics.
7. The dependence of epileptics.
8. The frequency of accidents, and ways in which they happen.
9. The need of separate buildings and separate rooms for some cases.
10. Advantages of epileptic persons being treated at a considerable distance from their homes.

#### THE PER CAPITA COST.

The per capita cost is apparently lower than ever before. This is largely due to the fact that a large part of the coal on our contract was not delivered until after October 1. The outlay goes over to the next year.

We hope and expect to reduce our cost year by year; but there are also several reasons why the rate is naturally higher than in some other institutions:—

1. The institution is new.
2. The number of patients small.
3. Cost of treatment is larger than with ordinary chronic cases.
4. Our patients are invalids, and not capable of accomplishing a large amount of work.
5. A greater number of attendants is needed.
6. A variety of food is demanded.
7. The patients are largely sane people, requiring a great deal of individual consideration in clothing and treatment.

#### GIFTS.

I am glad to render grateful acknowledgment for the following gifts:—

NAME.	RESIDENCE.	Gift.
Mrs. Mabel W. Stedman,	Brookline, .	Silk pieces.
Dr. Henry P. Jaques, .	Lenox, . .	Pony and harness.
Mrs. J. P. Barnard, . .	Weymouth, .	Two boxes, containing books, papers, magazines and clothing.
A friend, . . . .	Foxborough, .	Box, containing books, papers and magazines.
Dr. H. P. Bowditch, .	Boston, . .	Medical books.
Mr. C. E. Fish, . . .	Palmer, . .	Papers and magazines.
Mrs. W. S. Hyde, . . .	Ware, . . .	Books.
Dr. Wm. N. Bullard, .	Boston, . .	Medical magazines.
Mr. Burton F. Reed, .	Boston, . .	Clothing.
Rev. W. A. Moore, . .	Palmer, . .	Papers and magazines.
Miss Annie E. Fisherick,	Palmer, . .	Papers and magazines.
Rev. W. H. Hart, . . .	Palmer, . .	Papers and magazines.
Mr. Thaddeus Cushman,	Monson, . .	Papers and magazines.
Miss Cushman, . . .	Monson, . .	Book.
Central Massachusetts Electric Company, C. E. Fish, Manager.	Palmer, . .	Admission of patients to theatre at Forest Lake, on various occasions.
Mr. Frank S. Keith, .	Palmer, . .	Papers and magazines.
Mrs. E. A. Allis, . . .	Boston, . .	Magazines.
A friend, . . . . .	Palmer, . .	Papers and magazines.

*Table showing Patients employed, and in what Way.*

	Males.	Females.
Grading, . . . . .	27	—
Industrial building: —		
Chair seating, . . . . .	2	—
Printing, . . . . .	3	—
Tailoring, cutting, . . . . .	1	—
Tailoring, sewing, . . . . .	1	—
Cobbling, . . . . .	2	—
Jobbing, . . . . .	1	—
Carving, . . . . .	1	—
Hair picking, . . . . .	2	—
Shoe sewing, . . . . .	1	—
Mat making, . . . . .	1	—
Employees' cottage, . . . . .	—	4
Dining rooms, . . . . .	8	10
Teaching, . . . . .	—	1
Music practice for assemblies, . . . . .	1	—
Kitchens, . . . . .	12	28
Laundry, . . . . .	6	56
With yard man, . . . . .	5	—
Stone, etc., . . . . .	20	—
Painting, . . . . .	4	—

*Table showing Patients employed, and in what Way — Concluded.*

	Males.	Females.
On roads, . . . . .	1	—
Stable, . . . . .	3	—
Sewing rooms, . . . . .	—	24
Ward work, . . . . .	44	54
Administration building, . . . . .	—	3
Laboratory, . . . . .	1	—
Clerical, . . . . .	3	—
Weaving, . . . . .	2	1
Farm : —		
Such work as apple picking, barn, vegetable garden, clearing land, cutting brush, ditching, teaming, tending sheep, tending cows, milking, with gar- dener, . . . . .	35	—
Totals, . . . . .	187	181

## AMUSEMENTS.

Dances, 47 ; sheet and pillow-case masquerade, 1 ; whist party, 1 ; readings and impersonations, 10 ; lecture, “ A Trip to Brazil,” 1 ; illustrated lecture, “ A Curious Entertainment,” 1 ; illustrated lecture, “ Expositions,” 1 ; sessions of dancing school, 7 ; illustrated lectures, “ The Passion Play,” 2 ; entertainment, “ Legerdemain,” 1 ; entertainment, “ Ventriloquism,” 1 ; musicales, 3 ; phonograph concert, 1 ; farce, “ Mr. Bob,” 1 ; farce, “ Sunbonnets,” 1 ; farce, “ A Chinese Dummy,” 1 ; comedy, “ The Old Maids’ Association,” 1 ; excursions to Forest Lake, 19 ; sleigh rides, 15 ; carriage rides, 12 ; excursion to Palmer, May 30, 1902, to see parade, 1.

## SCHOOLS.

Average number of persons attending school, males, 8 ; females, 14 ; one patient, who is an experienced teacher, assists the instructors. Instruction is given in (1) the kindergarten ; (2) reading ; (3) writing ; (4) numbers ; (5) geography ; (6) history ; (7) nature study ; (8) calisthenics.

Respectfully submitted,

EVERETT FLOOD,  
*Superintendent.*

## ARTICLES MADE AND REPAIRED IN THE SEWING ROOM.

---

Sheets made, . . .	219	Piano cover made, . . .	1
Pillow cases made, . . .	374	Aprons made, . . .	133
Pillow ticks made, . . .	84	Skirts made, . . .	2
* Tablecloths made, . . .	96	Shirt waist made, . . .	1
Napkins made, . . .	445	Night dresses made, . . .	8
Curtains made, . . .	10	Chemises made, . . .	6
Sash curtains made, pairs, .	27	Drawers made, pairs, . . .	18
Bureau and commode covers		Bibs made, . . .	72
made, . . .	151	Suspenders made, pairs, . . .	55
Towels made, . . .	3,002	Garters made, pairs, . . .	106
Clothes bags made, . . .	63	Neckties made, . . .	11
Tea and coffee bags made, .	48	Chair covers made, . . .	4
Rugs made, . . .	145	Hats trimmed, . . .	22
Dusters made, . . .	102	Blankets hemmed, . . .	126
Oven cloths made, . . .	52	Overcoats repaired, . . .	59
Floor swabs made, . . .	328	Trousers shortened, pairs, .	31
Shirts made, . . .	246	Sleeves shortened, pairs, .	3
Night shirts made, . . .	219		



## ARTICLES MADE AND REPAIRED IN THE WARDS.

---

Aprons made, . . . .	219	Coats relined, . . . .	2
Bed socks made, pairs, .	19	Corset covers mended, .	71
Bibs made, . . . .	2	Chemises mended, . . .	85
Chemises made, . . . .	53	Dresses mended, . . . .	380
Corset covers made, . .	40	Dresses shortened, . . .	39
Dresses made, . . . .	111	Drawers mended, pairs, .	189
Drawers made, pairs, . .	30	Mittens mended, pairs, .	12
Dress skirts made, . . .	2	Night dresses mended, .	261
Night dresses made, . . .	53	Night shirts mended, . .	337
Night shirts made, . . .	12	Overalls mended, pairs, .	318
Petticoats made, . . . .	52	Petticoats mended, . . .	198
Restraints made, . . . .	26	Shirts mended, . . . .	594
Shirt waists made, . . .	9	Shirt waists mended, . .	27
Clothes bags made, . . .	23	Stockings mended, pairs, .	2,718
Curtains made, . . . .	25	Trousers mended, pairs, .	482
Christmas bags made, . .	400	Underdrawers mended, pairs,	1,312
Dish cloths made, . . . .	4	Undervests mended, . . .	441
Iron holders made, . . .	296	Bedspreads mended, . . .	7
Rug made, . . . .	1	Blankets mended, . . . .	2
Sheets made, . . . .	61	Bed ticks mended, . . . .	2
Screens made, . . . .	10	Clothes bags mended, . .	33
Towels made, . . . .	612	Pillow slips mended, . . .	2
Aprons mended, . . . .	186	Sheets mended, . . . .	43
Bibs mended, . . . .	16	Towels mended, . . . .	22
Coats mended, . . . .	470	Tablecloths mended, . . .	5

## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOMS.

---

Boots made, pair, . . . . .	1	Checkers made, . . . . .	240
Shoes made, pairs, . . . . .	134	Flower stands made, . . . . .	4
Slippers made, pairs, . . . . .	94	Mittens made, pairs, . . . . .	296
Boots, shoes and slippers re- paired, . . . . .	956	Trousers made, pairs, . . . . .	329
Boots, shoes and slippers marked, pairs, . . . . .	122	Overalls made, pairs, . . . . .	137
Hammer handles made, . . . . .	11	Jumpers made, . . . . .	28
Pillows made, . . . . .	102	Vests made, . . . . .	93
Picture frames made, . . . . .	2	Drawers made, pairs, . . . . .	187
Arbor poles made, . . . . .	8	Coats made, . . . . .	144
Wire hangers made, . . . . .	210	Shirts made, . . . . .	69
Coat hangers made, . . . . .	83	Suits made, . . . . .	3
Slabs for cemetery made, . . . . .	9	Dresses made, . . . . .	47
Box traps made, . . . . .	2	Dress skirts made, . . . . .	18
Boxes made, . . . . .	11	Aprons made, . . . . .	103
Squirrel cage made, . . . . .	1	Petticoats made, . . . . .	57
Rustic seats made, . . . . .	4	Chemises made, . . . . .	127
Lawn swings made, . . . . .	2	Night dresses made, . . . . .	105
Brooms made, . . . . .	108	Towels made, . . . . .	40
Broom corn seeded, acre, . . . . .	1	Bandages made, . . . . .	541
Bootjack made, . . . . .	1	Wristers made, pairs, . . . . .	2
Screens made, . . . . .	3	Water-bottle bags made, . . . . .	2
Match safes made, . . . . .	48	Holders made, . . . . .	25
Report boards made, . . . . .	2	Bibs made, . . . . .	2
Tin name holders made, . . . . .	325	Clock case made, . . . . .	1
Yoke for steers made, . . . . .	1	Crutches made, pair, . . . . .	1
Medicine closets made, . . . . .	4	Hair picked, pounds, . . . . .	100
Greenhouse tags made, . . . . .	775	Pamphlets printed, . . . . .	70
		Weekly paper printed, copies, . . . . .	4,050
		Blanks printed, . . . . .	96,180

Pillows renovated, . . .	607	Whips repaired, . . .	4
Umbrellas repaired, . .	41	Blankets eyeletted, . .	48
Suspenders repaired, pairs, .	34	Chairs reseated, . . .	40
Screens repaired, . . .	11	Clothes bars repaired, . .	2
Harnesses repaired, . . .	37	Mail bags repaired, . . .	2
Baseballs repaired, . . .	2	Settee repaired, . . .	1
Baskets repaired, . . .	60	Step ladders repaired, . .	5
Checkerboard stands painted,	12	Truss repaired, . . .	1
Chair cushions repaired, .	3	Hassocks repaired, . . .	4
Piano stool repaired, . . .	1	Cart repaired, . . .	1
Butter tubs cut down, . . .	50	Hymnals repaired, . . .	30
Barber chairs repaired, . .	4	Belts repaired, . . .	6
Stands repaired, . . .	3	Beans picked over, bushels, .	3
Carriage mat repaired, . .	1	Shoulder braces repaired, .	4
Carriage robes repaired, .	2	Lawn swing repaired, . . .	1
Curtains hung, . . .	41	Pieces mended, . . .	2,418
Horse blankets repaired, .	4		

## FARM PRODUCTS

FROM OCT. 1, 1901, TO OCT. 1, 1902.

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Milk, 134,874 quarts, . . . . .	\$6,743 70
Eggs, 232 dozen, . . . . .	58 00
Hay, 187 tons, . . . . .	3,179 00
Meadow hay, 18 tons, . . . . .	180 00
Oat hay, 10 tons, . . . . .	120 00
Ensilage, 300 tons, . . . . .	900 00
Green fodder, 69 tons, . . . . .	207 00
Rhubarb, 435 pounds, . . . . .	17 40
Strawberries, 50 quarts, . . . . .	6 00
Currants, 271 quarts, . . . . .	27 10
Lettuce, 1,695 heads, . . . . .	33 90
Green peas, 95½ bushels, . . . . .	119 37
Radishes, 9 bushels, . . . . .	18 00
Cucumbers, 4,718, . . . . .	4 36
Cucumbers for pickles, 13 bushels, . . . . .	19 50
Sweet corn, 9,648 ears, . . . . .	96 48
Tomatoes, ripe, 94¼ bushels, . . . . .	47 12
Tomatoes, green, . . . . .	49 00
Peaches, ½ bushel, . . . . .	1 00
Pears, 9½ bushels, . . . . .	19 00
Crab apples, 13½ bushels, . . . . .	13 50
Apples, 800 barrels, . . . . .	1,000 00
Cider apples, 1,500 bushels, . . . . .	150 00
Summer squash, 2,575 pounds, . . . . .	64 37
Winter squash, 4½ tons, . . . . .	90 00
Garden beans, 28½ bushels, . . . . .	28 50
Beans, 30 bushels, . . . . .	30 00
Quinces, 1 bushel, . . . . .	1 00
Pumpkins, 500, . . . . .	5 00
Horseradish, 2 barrels, . . . . .	2 00
Peppers, 2 bushels, . . . . .	2 00
Potatoes, 636 bushels, . . . . .	477 00
Cabbage, 9 tons, . . . . .	180 00
Turnips, 556 bushels, . . . . .	194 60
Beets, 460 bushels, . . . . .	230 00
Carrots, 410 bushels, . . . . .	205 00

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*Amount carried forward, . . . . .* \$14,518 90



<i>Amount brought forward,</i>	\$14,518 90
Onions, 160 bushels,	160 00
Field corn, 700 bushels,	455 00
Broom corn, 1 acre,	40 00
Blackberries, 40 quarts,	4 80
Parsnips, 135 bushels,	101 25
Grapes, 5½ bushels,	2 75
Greens, 98 bushels,	49 00
Wool, 275 pounds,	55 00
Pigs sold, 59,	211 50
Calves sold, 17,	28 00
Lamb sold, 1,	8 00
Onions sold, 25½ bushels,	32 00
Green tomatoes sold, ½ bushel,	25
Hides sold, 97 pounds,	5 67
Pork sold,	109 52
Cabbage plants sold,	3 00
Lamb pelts sold, 23,	13 65
Calf skins sold, 2,	1 20
Vegetables from greenhouse:—	
Cabbages, 450,	38 40
Lettuce, 546 heads,	10 92
Tomatoes, 18 bushels,	12 00
Spinach, 3 bushels,	2 00
Parsley, 3 bushels,	2 00
Squashes, 100,	1 00
Cauliflower, 65 heads,	9 75
Beans, 7 bushels,	7 00
Peas, 6½ bushels,	6 50
Onions, 4 bushels,	4 00
Carrots, 5 bushels,	3 00
Beets, 5 bushels,	3 00
Celery, 432 heads,	11 50
Corn, 2 bushels,	1 00
Turnips, 4 bushels,	1 50
Pumpkins, 40,	40
Cucumbers, 300,	7 00
Dandelions, 6 bushels,	6 00
Peppers, ½ bushel,	50
Radishes, 2 bushels,	2 00
Grapes, ½ bushel,	1 00
Tomato plants for farm, 750,	10 75
Cabbage plants for farm, 250,	50
Lettuce plants for farm, 300,	1 50
Pepper plants for farm, 1 box,	50
Celery plants for farm, 1 box,	50
Total,	\$15,948 71

## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

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Superintendent, per year, . . . . .	\$2,500 00
Assistant physicians (2), per year, . . . . .	1,000 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	600 00
Stenographer, per month, . . . . .	30 00
Steward, per year, . . . . .	710 00
Drug clerk, per month, . . . . .	25 00
Superintendent of nurses, per month, . . . . .	24 00
Supervisor (woman), per month, . . . . .	24 00
Supervisor (man), per month, . . . . .	30 00
Night nurses (women, 5), per month, . . . . .	\$14 00-18 00
Nurses (women, 16), per month, . . . . .	14 00-22 00
Night nurses (men, 5), per month, . . . . .	20 00-23 00
Nurses (men, 17), per month, . . . . .	20 00-32 00
Engineer, per year, . . . . .	950 00
Assistant engineer, per month, . . . . .	45 00
Helper, per month, . . . . .	30 00
Firemen (3), per month, . . . . .	\$23 00-25 00
Baker, per month, . . . . .	45 00
Kitchen man, per month, . . . . .	25 00
Handy man, . . . . .	33 00
Cooks (4), per month, . . . . .	\$22 00-25 00
Assistant cooks (3), per month, . . . . .	16 00-18 00
Table girls (4), per month, . . . . .	14 00-18 00
Foreman industrial room, per month, . . . . .	45 00
Seamstress, per month, . . . . .	30 00
Assistant seamstresses (2), per month, . . . . .	\$14 00-18 00
Laundress, per month, . . . . .	23 00
Laundryman, per month, . . . . .	20 00
Assistant laundresses (5), per month, . . . . .	\$16 00-18 00
Farmer, per year, . . . . .	850 00
Assistant farmers (9), per month, . . . . .	\$20 00-30 00
Gardener, per month, . . . . .	27 50
Driver, per month, . . . . .	32 00
Head carpenter, per day, . . . . .	2 50
Assistant carpenters (3), per day, . . . . .	2 25
Painter, per day, . . . . .	2 00

## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital are as follows :—

1. The regular insane commitment, such as is used at the insane hospitals.

2. The sane indigent ; in this case the approval of a judge is required in addition to the physician's certificate and the notification of the town authorities.

3. The sane private, in which two sureties are required to sign the patient's application.

Every patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet and to go to bed early. Those restrictions are not irksome when they are fully understood and can be easily complied with.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monsøn, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany Railroad between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London & Northern division of the Central Vermont. The Ware River branch of the Boston & Albany Railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.90.

## TREASURER'S REPORT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

I respectfully submit the following report of the finances of this hospital for the year ending Sept. 30, 1902.

### ASSETS.

Real estate : —		
Cultivated land, 113 acres, . . . . .	\$17,311 00	
Woodland, 21 acres, . . . . .	1,465 00	
Pasturage, 92 acres, . . . . .	4,237 00	
Farm (under appropriation 1901), 120 acres, .	3,000 00	
Water and sewerage systems, . . . . .	30,200 00	
Addition to water and sewerage systems, .	3,013 00	
Quarry, . . . . .	450 00	
	<hr/>	\$59,676 00
Buildings : —		
Original buildings, . . . . .	\$37,770 00	
Buildings (under appropriation 1895), . .	84,000 00	
Buildings (under appropriation 1899), . .	85,000 00	
Greenhouse, . . . . .	1,100 00	
Boiler house (under appropriation 1900), .	4,600 00	
Farm cottage (under appropriation 1901), .	500 00	
Laundry (under appropriation 1901), . .	5,074 97	
	<hr/>	218,044 97
Personal estate : —		
Live stock on the farm, . . . . .	\$5,946 00	
Produce of the farm on hand, . . . . .	7,161 44	
Carriages and agricultural implements, . .	3,490 00	
Machinery and mechanical fixtures, . . .	31,151 01	
Beds and bedding in inmates' department, .	8,708 46	
Other furniture in inmates' department, . .	16,996 17	
Personal property of State in administration building and employees' cottage, . . . .	7,462 70	
Ready-made clothing, . . . . .	1,202 92	
Dry goods, . . . . .	4,240 60	
Provisions and groceries, . . . . .	1,861 55	
Drugs and medicines, . . . . .	2,725 43	
Fuel, . . . . .	3,525 00	
Library, . . . . .	625 00	
Other supplies undistributed, . . . . .	6,977 30	
	<hr/>	102,073 58
		<hr/>
		\$379,794 55



## RECEIPTS.

Cash on hand Oct. 1, 1901, . . . . .		\$5,641 02
Received from State appropriations : —		
Cottage for patients, 1899, . . . . .	\$1,068 86	
Infirmiry building, 1899, . . . . .	8,873 88	
Boiler plant, 1900, . . . . .	553 63	
Laundry building and machinery, 1901, . . . . .	5,074 97	
Furnishing new buildings, 1901, . . . . .	17,485 16	
Painting, . . . . .	894 00	
Electric building and machinery, 1902, . . . . .	279 71	
Nurses' home, 1902, . . . . .	7 13	
For current expenses, 1901, . . . . .	2,919 96	
For current expenses, 1902, . . . . .	50,561 31	
Total from appropriations, . . . . .		87,718 61
Received from State for support of patients, . . . . .	\$5,560 74	
Received from towns for support of patients, . . . . .	35,446 35	
Received from individuals for support of patients, . . . . .	3,978 28	
Received from soldiers' relief for support of patients, . . . . .	695 24	
Received from interest on bank balance, . . . . .	254 15	
Received from farm and farm products, . . . . .	740 60	
Received from store, . . . . .	434 84	
Received from barrels, junk and sundries, . . . . .	124 61	
Received from forfeit on contract, . . . . .	100 00	
		47,334 81
Total receipts, . . . . .		\$140,694 44

## EXPENDITURES.

Salaries, wages and labor, . . . . .		\$30,363 18
Food : —		
Butter, . . . . .	\$2,678 53	
Beans, . . . . .	54 55	
Bread and crackers, . . . . .	157 16	
Cereals, rice, meal, etc., . . . . .	628 53	
Cheese, . . . . .	44 69	
Eggs, . . . . .	1,330 22	
Flour, . . . . .	1,960 25	
Fish, . . . . .	591 92	
Fruit, . . . . .	717 93	
Meats, . . . . .	4,537 11	
Milk, . . . . .	210 56	
Molasses, . . . . .	178 59	
Sugar, . . . . .	1,128 61	
Amounts carried forward, . . . . .	\$14,218 65	\$30,363 18

<i>Amounts brought forward,</i>	\$14,218 65	\$30,363 18
Tea, coffee, broma and cocoa,	375 88	
Vegetables,	964 45	
Sundries,	614 89	
	<hr/>	16,173 87
Clothing and clothing material : —		
Boots, shoes and rubbers,	\$100 13	
Clothing,	311 06	
Dry goods for clothing, etc.,	1,085 16	
Hats and caps,	20 25	
Leather and shoe findings,	202 49	
Sundries,	2 48	
	<hr/>	1,721 57
Furnishings : —		
Beds, bedding, table linen, etc.,	\$317 59	
Brushes, brooms, etc.,	129 49	
Carpets, rugs, etc.,	97 34	
Crockery, glassware, cutlery, etc.,	169 57	
Furniture and upholstery,	124 43	
Kitchen furnishings,	388 02	
Woodenware, buckets, pails, etc.,	323 90	
Sundries,	37 63	
	<hr/>	1,587 97
Heat, light and power : —		
Coal,	\$6,014 50	
Electricity,	58 91	
Gas,	430 62	
Oil,	136 18	
Sundries,	125 86	
	<hr/>	6,766 07
Repairs and improvements : —		
Bricks,	\$48 00	
Cement, lime and plaster,	223 16	
Doors, sashes, etc.,	440 97	
Electrical work and supplies,	276 63	
Hardware,	365 63	
Lumber,	327 51	
Machinery, etc.,	109 76	
Paints, oil, glass, etc.,	481 64	
Plumbing, steam fitting and supplies,	1,019 63	
Roofing and materials,	179 56	
Sundries,	29 75	
	<hr/>	3,502 24
Farm, stable and grounds : —		
Blacksmith and supplies,	\$208 85	
Carriages, wagons and repairs,	345 80	
Fertilizers, vines, seeds, etc.,	302 46	
Hay, grain, etc.,	1,804 19	
Harness and repairs,	116 62	
	<hr/>	
<i>Amounts carried forward,</i>	\$2,777 92	\$60,114 90

<i>Amounts brought forward,</i>	\$2,777 92	\$60,114 90
Horses, . . . . .	175 00	
Cows, . . . . .	457 50	
Other live stock, . . . . .	22 40	
Labor (not on pay roll), . . . . .	97 47	
Rent, . . . . .	55 00	
Tools, farm machines, etc., . . . . .	236 05	
Sundries, . . . . .	205 25	
	<hr/>	4,026 59

## Miscellaneous:—

Books, periodicals, etc., . . . . .	\$268 42	
Chapel services and entertainments, . . . . .	627 12	
Freight, express, and transportation, . . . . .	837 09	
Funeral expenses, . . . . .	33 35	
Gratuities, . . . . .	4 10	
Hose, etc., . . . . .	115 39	
Labor (not on pay roll), . . . . .	1,833 42	
Medicines and hospital supplies, . . . . .	1,724 08	
Postage, . . . . .	189 53	
Printing and printing supplies, . . . . .	71 03	
Return of runaways, . . . . .	11 67	
Soap and laundry supplies, . . . . .	700 61	
Stationery and office supplies, . . . . .	250 94	
School books and supplies, . . . . .	20	
Travel and expenses (officials), . . . . .	479 85	
Telephone and telegraph, . . . . .	208 23	
Tobacco, . . . . .	257 37	
Water, . . . . .	600 00	
Sundries, . . . . .	157 46	
	<hr/>	8,369 86

Total current expenses, . . . . .	\$72,511 35
Other expenses on special appropriations, . . . . .	34,237 34
Paid State Treasurer, . . . . .	22,866 87
Paid on account of patients, . . . . .	13 99
	<hr/>
Total expenditures, . . . . .	\$129,629 55
Cash on hand Sept. 30, 1902, . . . . .	11,064 89
	<hr/>
	\$140,694 44

## RESOURCES.

Cash on hand,* . . . . .	\$11,064 89
Bills receivable for board, . . . . .	15,349 41
Other bills receivable, . . . . .	104 40
Unexpended appropriations available, . . . . .	41,391 14
	<hr/>
	\$67,909 84

\* There is in the treasurer's hands, not included in this amount, the following sums:—

Money belonging to patients, . . . . .	\$514 51
Money belonging to nurses' training school, . . . . .	15 84
	<hr/>
	\$530 35

## LIABILITIES.

Salaries unpaid, . . . . .	\$2,744 91	
Miscellaneous bills, . . . . .	3,329 18	
Bills on account of special appropriations, .	2,489 35	
		<u>\$8,513 44</u>
		\$59,396 40

Dividing the total current expenditures (\$72,511.35) by the average number of patients (322.63) shows an annual cost per patient of . . . . . \$224 75 +  
 Equivalent to an average weekly cost of . . . . . 4 31 +

*Statement of Appropriations.*

APPROPRIATIONS.	Amount.	Expended previously.	Expended this Year.	Balance Available.
Cottage for patients, . . . . .	\$10,000 00	\$8,931 14	\$1,068 86	-
Infirmary building, . . . . .	75,000 00	66,126 12	8,873 88	-
Boiler plant, . . . . .	25,000 00	24,446 37	553 63	-
Current expense, 1901, . . . . .	15,000 00	12,080 04	2,919 96	-
Laundry building and machinery, .	9,500 00	1,855 32	5,074 97	\$2,569 71
Furnishing new buildings, . . .	20,000 00	2,406 57	17,485 16	108 27
Painting, . . . . .	1,000 00	106 00	894 00	-
Electric building and machinery, .	19,000 00	-	279 71	18,720 29
Nurses' home, . . . . .	20,000 00	-	7 13	19,992 87
	<u>\$194,500 00</u>	<u>\$115,951 56</u>	<u>\$37,157 30</u>	<u>\$41,391 14</u>

CHAS. B. FISKE,

*Treasurer.*

The undersigned certifies that he has compared the amount received for board and care of patients for the year ending Sept. 30, 1902 (\$45,680.61), with the estimated earnings of the hospital for the year, and finds them to agree, after allowing for six months' board of State patients and unpaid bills. He finds vouchers and copies of vouchers for disbursements for current expenses to the amount of \$72,511.35. The footings of the cash book have been verified, and show a balance in the hands of the treasurer on Sept. 30, 1902, of \$11,595.24, as follows:—

Deposited in Palmer National Bank, . . . . .	\$10,271 61
Cash vouchers, payments not entered, . . . . .	1,263 26
Cash in safe at hospital, . . . . .	60 37
	<u>\$11,595 24</u>

GEORGE L. CLARK,

*Auditor of Accounts.*

OCT. 20, 1902.



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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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1. — General Statistics for the Year.

	INSANE.			SANE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1901, . . . . .	72	78	150	59	61	120	131	139	270
Admitted within the year, . . . . .	63	52	115	39	26	65	102	78	180
Returned from visit, . . . . .	—	—	—	2	2	4	2	2	4
Whole number of cases within the year, . . . . .	135	130	265	100	89	189	235	219	454
Discharged within the year, . . . . .	7	7	14	16	12	28	23	19	42
as much improved, . . . . .	—	—	—	1	—	1	1	—	1
as improved, . . . . .	5	6	11	10	8	18	15	14	29
as not improved, . . . . .	2	1	3	5	4	9	7	5	12
Deaths, . . . . .	7	7	14	6	1	7	13	8	21
Visits, . . . . .	2	—	2	6	5	11	8	5	13
Escapes, . . . . .	—	—	—	1	—	1	1	—	1
Patients remaining Sept. 30, 1902, . . . . .	119	116	235	71	71	142	190	187	377
Viz.: State patients, . . . . .	23	28	51	16	12	28	39	40	79
town patients, . . . . .	94	85	179	44	54	98	138	139	277
private patients, . . . . .	2	3	5	11	5	16	13	8	21
Number of different persons within the year, . . . . .	135	130	265	99	88	187	234	218	452
Number of different persons admitted within the year, . . . . .	63	52	115	38	25	63	101	77	178
Daily average number of patients, . . . . .	95.13	95.46	190.59	63.69	68.35	132.04	158.82	163.81	322.63
Viz.: State patients, . . . . .	16.54	24.73	41.27	15.43	11.53	26.96	31.97	36.26	68.23
town patients, . . . . .	76.56	68.23	144.79	37.87	52.20	90.07	114.43	120.42	234.85
private patients, . . . . .	2.03	2.50	4.53	10.39	4.62	15.01	12.42	7.12	19.54

2. — *Monthly Admissions, Discharges and Averages.*

MONTHS.	ADMISSIONS.						DISCHARGES.					
	INSANE.			SANE.			INSANE.			SANE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<b>1901.</b>												
October, . . . . .	3	1	4	5	2	7	8	3	11	2	1	3
November, . . . . .	—	—	—	5	1	6	5	1	6	2	—	2
December, . . . . .	1	—	1	—	1	1	1	1	2	1	—	1
<b>1902.</b>												
January, . . . . .	7	12	19	4	2	6	11	14	25	2	1	3
February, . . . . .	11	6	17	3	3	6	14	9	23	—	1	1
March, . . . . .	2	1	3	4	7	11	6	8	14	1	2	3
April, . . . . .	21	20	41	2	3	5	23	23	46	1	4	5
May, . . . . .	—	1	1	3	1	4	3	2	5	1	2	3
June, . . . . .	12	8	20	1	2	3	13	10	23	1	—	1
July, . . . . .	2	1	3	5	1	6	7	2	9	—	—	—
August, . . . . .	4	2	6	3	1	4	7	3	10	1	1	2
September, . . . . .	—	—	—	4	2	6	4	2	6	1	—	1
Total of cases, . . . . .	63	52	115	39	26	65	102	78	180	7	12	19
Total of persons, . . . . .	63	52	115	38	25	63	101	77	178	16	12	28
Daily average, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—

\* One male and one female person admitted as sane and readmitted as insane within the year.



## 2. — Monthly Admissions, Discharges and Averages — Concluded.

MONTHS.		DEATHS.									DAILY AVERAGE OF PATIENTS IN THE HOSPITAL.									
		INSANE.			SANE.			TOTALS.			INSANE.			SANE.			TOTALS.			
		Males.		Females.	Males.		Females.	Males.		Totals.	Males.		Females.	Males.		Totals.	Males.		Females.	Totals.
1901.																				
October, .	-	1	1	1	-	1	1	1	1	2	73.39	77.58	150.97	60.61	61.77	122.38	184.00	139.35	273.35	
November, .	1	1	2	1	-	1	2	1	1	3	71.74	76.90	148.64	58.33	63.90	122.23	130.07	140.80	270.87	
December, .	-	1	1	1	-	1	1	1	1	2	70.45	73.93	144.38	54.16	63.03	117.19	124.61	136.96	261.57	
1902.																				
January, .	-	1	1	-	-	1	1	-	1	1	70.36	75.81	146.17	58.19	64.96	123.15	128.55	140.77	269.32	
February, .	-	-	-	-	-	-	-	-	-	-	78.96	85.86	164.82	61.89	67.46	129.35	140.85	153.32	294.17	
March, .	-	1	1	-	-	-	-	-	1	1	90.19	91.00	181.19	64.74	71.30	136.04	154.93	162.30	317.23	
April, .	1	2	3	-	-	-	1	2	3	3	104.33	100.57	204.90	65.73	73.77	139.50	170.06	174.34	344.40	
May, .	1	-	1	-	-	-	1	-	1	1	110.00	106.55	216.55	67.26	71.74	139.00	177.26	178.29	355.55	
June, .	2	-	2	1	1	2	3	1	4	3	116.97	112.33	229.30	67.30	71.57	138.87	184.27	183.90	368.17	
July, .	1	-	1	-	-	2	3	-	3	3	117.87	113.94	231.81	67.32	72.32	139.64	185.19	186.26	371.45	
August, .	-	-	-	-	-	-	-	-	-	-	118.68	115.00	233.68	67.93	69.91	137.84	186.61	184.91	371.52	
September, .	1	-	1	-	-	-	-	1	1	1	118.63	116.00	234.63	70.81	68.53	139.34	189.44	184.53	373.97	
Total of cases, .	7	7	14	6	1	7	13	8	21	-	-	-	-	-	-	-	-	-	-	
Total of persons, .	7	7	14	6	1	7	13	8	21	-	-	-	-	-	-	-	-	-	-	
Daily average, .	-	-	-	-	-	-	-	-	-	-	95.13	95.46	190.59	63.69	68.35	132.04	158.82	163.81	322.63	

3. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	55	48	103	34	23	57	89	71	160
Second, . . . . .	7	4	11	4	1	5	11	5	16
Third, . . . . .	1	-	1	1	2	3	2	2	4
Total of cases, . .	63	52	115	39	26	65	102	78	180
Total of persons, .	63	52	115	38	25	63	101	77	178

4. — *Relations to Hospitals of Cases admitted.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Inmates of this hospital only, . . . . .	8	4	12	32	23	55	40	27	67
Former inmates of this hospital only, . .	3	3	6	5	3	8	8	6	14
Former inmates of this and other hospitals, . . . . .	5	1	6	-	-	-	5	1	6
Former inmates of other hospitals: —									
Boston and Taunton insane hospitals, .	1	-	1	-	-	-	1	-	1
Danvers Insane Hospital, . . . . .	8	12	20	-	-	-	8	12	20
Danvers and Westborough insane hospitals, . . . . .	-	1	1	-	-	-	-	1	1
Hospital Cottages for Children, . . . .	-	-	-	2	-	2	2	-	2
Hospital Cottages for Children and Worcester Insane Hospital, . . . . .	1	-	1	-	-	-	1	-	1
Mass. School for the Feeble-minded and Worcester Insane Hospital, . . . .	1	-	1	-	-	-	1	-	1
Northampton Insane Hospital, . . . .	10	5	15	-	-	-	10	5	15
Taunton Insane Hospital, . . . . .	9	9	18	-	-	-	9	9	18
Taunton and Westborough insane hospitals, . . . . .	1	1	2	-	-	-	1	1	2
Taunton and Worcester insane hospitals, . . . . .	1	-	1	-	-	-	1	-	1
Westborough Insane Hospital, . . . . .	7	7	14	-	-	-	7	7	14
Worcester Insane Hospital, . . . . .	7	7	14	-	-	-	7	7	14
Worcester and Northampton insane hospitals, . . . . .	-	1	1	-	-	-	-	1	1
Worcester and Westborough insane hospitals, . . . . .	1	1	2	-	-	-	1	1	2
Total of cases, . . . . .	63	52	115	39	26	65	102	78	180
Total of persons, . . . . .	63	52	115	38	25	63	101	77	178









6. — *Residence of Persons admitted.*

COUNTIES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable, . . .	—	1	1	—	—	—	—	1	1
Berkshire, . . .	3	2	5	—	1	1	3	3	6
Bristol, . . .	5	4	9	5	3	8	10	7	17
Essex, . . .	6	5	11	3	5	8	9	10	19
Franklin, . . .	2	1	3	3	—	3	5	1	6
Hampden, . . .	3	4	7	4	2	6	7	6	13
Hampshire, . . .	7	1	8	—	—	—	7	1	8
Middlesex, . . .	11	13	24	8	3	11	19	16	35
Norfolk, . . .	2	5	7	1	3	4	3	8	11
Plymouth, . . .	4	1	5	—	—	—	4	1	5
Suffolk, . . .	15	9	24	6	7	13	21	16	37
Worcester, . . .	5	6	11	8	1	9	13	7	20
Totals, . . .	63	52	115	38	25	63	101	77	178

7. — Civil Condition of Persons admitted.

INSANE.

NUMBER OF THE ADMISSION.			UNMARRIED.			MARRIED.			WIDOWED.			DIVORCED.			TOTALS.		
			Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First, .	.	.	40	35	75	10	10	20	5	3	8	-	-	-	55	48	103
Second, .	.	.	7	3	10	-	1	1	-	-	-	-	-	-	7	4	11
Third, .	.	.	-	-	-	1	-	1	-	-	-	-	-	-	1	-	-
Total of cases, .	.	.	47	38	85	11	11	22	5	3	8	-	-	-	63	52	115
Total of persons, .	.	.	47	38	85	11	11	22	5	3	8	-	-	-	63	52	115

SANE.

First, .	.	.	29	22	51	5	1	6	-	-	-	-	-	-	34	23	57
Second, .	.	.	3	1	4	1	-	1	-	-	-	-	-	-	4	1	5
Third, .	.	.	1	2	3	-	-	-	-	-	-	-	-	-	1	2	3
Total of cases, .	.	.	33	25	58	6	1	7	-	-	-	-	-	-	39	26	65
Total of persons, .	.	.	33	24	57	5	1	6	-	-	-	-	-	-	38	25	63

TOTALS.

First, .	.	.	69	57	126	15	11	26	5	3	8	-	-	-	89	71	160
Second, .	.	.	10	4	14	1	1	2	-	-	-	-	-	-	11	5	16
Third, .	.	.	1	2	3	1	-	1	-	-	-	-	-	-	2	2	4
Total of cases, .	.	.	80	63	143	17	12	29	5	3	8	-	-	-	102	78	180
Total of persons, .	.	.	80	62	142	16	12	28	5	3	8	-	-	-	101	77	178

## 8. — Occupations of Persons admitted.

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Carpenter, . . . .	1	—	1	Painter, . . . .	—	1	1
Carriage painters, . . . .	2	—	2	Plumber, . . . .	1	—	1
Clerks, . . . .	3	—	3	Printers, . . . .	2	—	2
Cutler, . . . .	1	—	1	Rattan worker, . . . .	1	—	1
Druggist, . . . .	—	1	1	Real estate agent, . . . .	—	1	1
Dye runner, . . . .	1	—	1	Sailors, . . . .	2	—	2
Farmers, . . . .	2	2	4	Sea captain, . . . .	1	—	1
Galvanizer, . . . .	1	—	1	Shipping clerk, . . . .	—	1	1
Gardener, . . . .	—	1	1	Shoemakers, . . . .	2	1	3
Hotel proprietor, . . . .	—	1	1	Student, . . . .	—	1	1
Journalist, . . . .	—	1	1	Teamsters, . . . .	1	2	3
Laborers, . . . .	12	2	14	Tanner, . . . .	—	1	1
Machinists, . . . .	2	—	2	Unknown, . . . .	25	19	44
Merchant, . . . .	—	1	1				
Operatives, . . . .	2	2	4	Totals, . . . .	63	38	101
Paper hanger, . . . .	1	—	1				

## FEMALES.

Domestics, . . . .	7	7	14	Seamstresses, . . . .	5	1	6
Housekeepers, . . . .	5	1	6	Teacher, . . . .	1	—	1
Housewives, . . . .	8	1	9	Unknown, . . . .	21	11	32
Nurse maid, . . . .	1	—	1				
Operatives, . . . .	3	4	7	Totals, . . . .	52	25	77
Postal clerk, . . . .	1	—	1				

## DAUGHTER OR WIFE OF—

Blacksmith, . . . .	—	1	1	Manufacturers, . . . .	2	—	2
Bleacher, . . . .	1	—	1	Merchants, . . . .	2	—	2
Bookkeeper, . . . .	1	—	1	Miner, . . . .	1	—	1
Carpenters, . . . .	2	1	3	Painter, . . . .	1	—	1
Clerk, . . . .	1	—	1	Real estate agent, . . . .	—	1	1
Farmers, . . . .	2	—	2	Shipping clerk, . . . .	1	—	1
Florist, . . . .	—	1	1	Tailors, . . . .	2	1	3
Insurance agent, . . . .	—	1	1				
Jeweller, . . . .	1	—	1	Totals, . . . .	20	9	29
Laborers, . . . .	3	3	6				

9. — *Probable Causes of Disease in Persons admitted.*

	INSANE.			SANE.			Totals.
	Males.	Females.	Totals.	Males.	Females.	Totals.	
Alcohol, . . . .	5	2	7	—	—	—	7
Compression of head during birth, . .	—	—	—	1	—	1	1
Congenital, . . .	6	2	8	2	—	2	10
Dissipation, . . .	—	—	—	2	—	2	2
Exposure, . . . .	—	—	—	1	—	1	1
Fractured skull, .	1	—	1	—	—	—	1
Fright, . . . . .	—	2	2	1	3	4	6
Fright of mother be- fore birth, . . .	1	—	1	—	1	1	2
General debility, .	1	—	1	—	—	—	1
Heredity, . . . .	—	1	1	2	1	3	4
Indigestion, . . .	2	—	2	—	—	—	2
Intestinal worms, .	—	—	—	1	—	1	1
La grippe, . . . .	—	—	—	—	1	1	1
Malaria, . . . . .	1	—	1	1	—	1	2
Masturbation, . .	1	—	1	1	—	1	2
Menstruation, . .	—	—	—	—	2	2	2
Overeating, . . . .	—	1	1	—	1	1	2
Overwork, . . . .	5	2	7	1	—	1	8
Scarlet-fever, . . .	2	1	3	—	1	1	4
Shock, . . . . .	—	2	2	—	1	1	3
Sunstroke, . . . .	4	—	4	1	—	1	5
Teething, . . . . .	2	1	3	1	—	1	4
Tobacco, . . . . .	2	—	2	—	—	—	2
Trauma, . . . . .	7	10	17	6	3	9	26
Typhoid fever, . . .	—	—	—	1	—	1	1
Unknown, . . . . .	23	28	51	16	11	27	78
Totals, . . . . .	63	52	115	38	25	63	178

\* Assigned causes.



10. — Record of Cases admitted within the Year.

PATIENTS.	INSANE.			SANE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted, . . . . .	63	52	115	39	26	65	102	78	180
Discharged improved, . . . . .	4	3	7	4	7	11	8	10	18
not improved, . . . . .	1	1	2	4	1	5	5	2	7
died, . . . . .	2	—	2	2	1	3	4	1	5
on visit, . . . . .	2	—	2	6	4	10	8	4	12
Remaining Sept. 30, 1902, . . . . .	54	48	112	23	13	36	77	61	138
Number likely to recover, . . . . .	—	—	—	—	—	—	—	—	—
Number likely to improve, . . . . .	5	6	11	14	8	22	19	14	33

## 11.—Ages of Epileptics at First Attack, Admission and Death.

## INSANE.

AGES.	PERSONS ADMITTED.			PERSONS DIED.		
	AT FIRST ATTACK.		WHEN ADMITTED.	AT FIRST ATTACK.		AT TIME OF DEATH.
	Males.	Females.		Males.	Females.	
	Totals.	Males.	Females.	Totals.	Males.	Females.
Congenital, . . . . .	7	2	9	1	1	1
15 years and less, . . . . .	22	25	47	2	7	1
From 15 to 20 years, . . . . .	7	6	13	1	1	1
20 to 25 years, . . . . .	4	2	6	—	1	1
25 to 30 years, . . . . .	4	4	8	1	1	1
30 to 35 years, . . . . .	3	5	8	—	1	—
35 to 40 years, . . . . .	2	2	4	—	3	2
40 to 50 years, . . . . .	5	1	6	—	—	1
50 to 60 years, . . . . .	4	2	6	1	1	1
60 to 70 years, . . . . .	1	—	1	—	—	1
70 to 80 years, . . . . .	—	—	—	—	1	—
Unknown, . . . . .	4	3	7	1	—	—
Total of cases, . . . . .	63	52	115	7	7	14
Total of persons, . . . . .	63	52	115	7	7	14
Mean ages, . . . . .	19.83	17.15	18.61	19.7	39.64	33.21
				12.88		36.43



11. — *Ages of Epileptics at First Attack, Admission and Death — Concluded.*

TOTALS.

AGES.	PERSONS ADMITTED.			PERSONS DIED.					
	AT FIRST ATTACK.		WHEN ADMITTED.	AT FIRST ATTACK.		AT TIME OF DEATH.			
	Males.	Females.		Totals.	Males.		Females.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	10	3	13	-	-	1	-	-	1
15 years and less, . . . . .	48	41	89	3	6	5	5	7	12
From 15 to 20 years, . . . . .	8	9	17	22	14	1	2	1	1
20 to 25 years, . . . . .	4	3	7	20	8	-	2	1	3
25 to 30 years, . . . . .	6	6	12	9	13	1	1	1	3
30 to 35 years, . . . . .	5	6	11	6	10	-	1	-	1
35 to 40 years, . . . . .	4	2	6	4	6	1	-	2	3
40 to 50 years, . . . . .	7	1	8	20	11	-	-	2	2
50 to 60 years, . . . . .	4	2	6	11	8	1	1	2	4
60 to 70 years, . . . . .	2	-	2	6	1	-	1	-	1
70 to 80 years, . . . . .	-	-	-	1	1	-	1	1	2
Unknown, . . . . .	4	5	9	-	-	3	-	-	1
Total of cases, . . . . .	102	78	180	102	78	13	13	8	21
Total of persons, . . . . .	101	77	178	101	77	13	13	8	21
Mean ages, . . . . .	17.67	15.37	16.69	33.55	31.05	17.5	37.69	34.69	36.54



12. — Reported Duration of Disease before Last Admission.

PREVIOUS DURATION.	INSANE.						SANE.						TOTALS.					
	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER AD- MISSIONS.			FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER AD- MISSIONS.			TOTALS.			FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Under 1 month, . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
From 1 to 3 months,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 to 6 months,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 to 12 months,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 2 years, . . .	1	-	1	1	-	1	1	-	1	1	-	1	1	-	1	1	-	2
2 to 5 years, . . .	-	-	-	6	4	10	2	2	4	1	-	1	3	2	5	3	2	6
5 to 10 years, . .	-	-	-	8	8	16	9	3	12	3	-	3	12	3	15	9	3	20
10 to 20 years, . .	1	3	4	24	19	43	11	7	18	4	2	6	15	9	24	12	10	31
Over 20 years, . .	1	1	2	19	15	34	4	4	8	-	1	1	4	5	9	5	5	71
Unknown, . . . .	1	-	1	1	2	3	-	1	1	-	-	-	-	1	1	1	2	45
Total of cases, . .	4	4	8	59	48	107	31	22	53	8	4	12	39	26	65	35	26	180
Total of persons, .	4	4	8	59	48	107	31	22	53	7	3	10	38	25	63	35	26	178
Average duration in years, . . . .	15.33	20	18	15.66	17.58	16.51	11.94	12.76	12.27	10.5	15.87	12.29	11.64	13.26	22.63	12.24	13.52	15.14

## 14. — Discharges, classified by Admission and Result.

NUMBER OF THE ADMISSION.	MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —															
First, . . . . .	—	—	—	3	4	7	2	1	3	6	7	13	11	12	23
Second, . . . . .	—	—	—	1	2	3	—	—	—	1	—	1	2	2	4
Third, . . . . .	—	—	—	1	—	1	—	—	—	—	—	—	1	—	1
B. — Sane epileptics : —															
First, . . . . .	1	—	1	8	7	15	3	2	5	6	—	6	18	9	27
Second, . . . . .	—	—	—	1	1	2	2	2	4	—	—	—	3	3	6
Third, . . . . .	—	—	—	—	1	1	—	—	—	—	1	1	—	2	2
Total of cases, . . . . .	1	—	1	14	15	29	7	5	12	13	8	21	35	28	63
Total of persons, . . . . .	1	—	1	14	14	28	7	5	12	13	8	21	34	26	60*

\* One female person discharged from first admission (sane) as not improved and from readmission (insane) as improved. One male person discharged from second admission (sane) as not improved and from readmission (insane) as improved.

15. — *Causes of Death.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system : —									
Exhaustion from epilepsy,	—	2	2	1	1	2	1	3	4
Status epilepticus, . . .	4	1	5	2	—	2	6	1	7
Cerebral thrombosis, . . .	—	—	—	1	—	1	1	—	1
Cerebro-spinal sclerosis, . .	—	—	—	1	—	1	1	—	1
Genito-urinary system : —									
Chronic nephritis, . . . . .	—	1	1	—	—	—	—	1	1
Respiratory system : —									
Broncho-pneumonia, . . . . .	1	—	1	—	—	—	1	—	1
Pneumonia, . . . . .	—	—	—	1	—	1	1	—	1
Pulmonary tuberculosis, . . .	—	3	3	—	—	—	—	3	3
General : —									
Asphyxia during an attack of epilepsy, . . . . .	1	—	1	—	—	—	1	—	1
Cirrhosis of liver, . . . . .	1	—	1	—	—	—	1	—	1
Totals, . . . . .	7	7	14	6	1	7	13	8	21

17.—Deaths, classified by Duration of Disease and Treatment.

INSANE.

PERIOD.	LAST ATTACK.			ALL ATTACKS.		
	DURATION BEFORE ADMISSION.			WHOLE KNOWN PERIOD OF DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Epileptic:— Congenital, . . . . . Under 1 month, . . . . . From 1 to 3 months, . . . . . 3 to 6 months, . . . . . 6 to 12 months, . . . . . 1 to 2 years, . . . . . 2 to 5 years, . . . . . 5 to 10 years, . . . . . 10 to 20 years, . . . . . Over 20 years, . . . . . Unknown, . . . . .	1	—	1	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	1	—	1	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—
Totals, . . . . .	7	7	14	7	7	14
Average in months, . . . . .	192.85	222.5	208.28	230.85	253.14	242.28
	38	29.42	33.71	241.42	253.14	242.28
	308.57	246.85	277.71	308.57	246.85	277.71



SANE.													
Epileptic:—													
Congenital,	.												
Under 1 month,	.												
From 1 to 3 months,	.												
3 to 6 months,	.												
6 to 12 months,	.												
1 to 2 years,	.												
2 to 5 years,	.												
5 to 10 years,	.												
10 to 20 years,	.												
Over 20 years,	.												
Unknown,	.												
Totals,	.	6	1	7	6	1	7	6	1	7	6	1	7
Average in months,	.	89.75	196	111	8	48	16	97.75	244	127	97.75	244	127













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REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER)

FOR THE

YEAR ENDING SEPTEMBER 30, 1903.



BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
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1904.

*W.*

APPROVED BY

THE STATE BOARD OF PUBLICATION.

YEARLY STATE

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OF THE STATE



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# OFFICERS

OF THE

## MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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### TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	. . .	BOSTON.
CHARLES A. CLOUGH, <i>Secretary</i> ,	. . .	GROTON.
ADELAIDE A. CALKINS,	. . .	SPRINGFIELD.
MABEL W. STEDMAN,	. . .	BROOKLINE.
HENRY P. JAQUES, M.D.,	. . .	LENOX.
WALTER W. SCOFIELD, M.D.,	. . .	DALTON.
WINFORD N. CALDWELL,	. . .	SPRINGFIELD.

---

### RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	. . .	<i>Superintendent.</i>
ARTHUR O. MORTON, M.D.,	. . .	<i>Assistant Physician.</i>
MORGAN B. HODSKINS, M.D.,	. . .	<i>Assistant Physician.</i>
RANSOM A. GREENE, M.D.,	. . .	<i>Assistant Physician.</i>
LILLIAN M. KINCAID,	. . .	<i>Clerk.</i>
MARY W. WENTWORTH,	. . .	<i>Stenographer.</i>
CHARLES F. SIMONDS,	. . .	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	. . .	<i>Engineer.</i>
J. W. WILLIAMS,	. . .	<i>Farmer.</i>

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### TREASURER.

CHAS. B. FISKE,	. . .	PALMER.
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OFFICE AT THE HOSPITAL.





# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and Honorable Council.*

The trustees of the Massachusetts Hospital for Epileptics respectfully submit the following report.

The work of the hospital has gone on quietly during the past year, and we are able to report a steady advance both in the amount of property held by us and in our capabilities to care for the inmates placed in our charge.

There has been no change in the membership of the trustees, Dr. Henry P. Jaques having been, at the expiration of his term of service, reappointed by the Governor and his reappointment confirmed by the Council.

In view of the increasing number of inmates and the weight of the duties falling on the present officers, it was voted by your Board to appoint Dr. Ransom A. Greene, a graduate of the Baltimore Medical College, as assistant physician. Other than this, no changes have occurred in the medical staff.

Several new buildings have been completed during the past year, and are now wholly or partially in use. The nurses' home, which a year ago was in process of construction, has now been finished and furnished, and the nurses have taken up their rooms there. This building has 40 single rooms, — a sufficient supply for our nurses for some years.

The new laundry building is a large, one-story brick structure, 120 feet long by 60 feet wide, giving ample facilities for the present work and for growth. This also has been completed during the past year. The machines in it are nearly all in place, and work is now going on there.

The third building built and completed during the past year is the electric power house, which is directly connected with the old boiler house, and affords us the necessary room for our

dynamo and engines. It seems to be well constructed and adapted to our needs, and should afford the space required for all the machinery requisite for power and the lighting of the present groups of buildings, and for future extensions.

In addition to the completion and furnishing of these buildings, we have been enabled, through the wise permission of the Legislature, to purchase an adjoining farm of 300 acres, with a good brick house and several barns. On this land on the hillside opposite the existing buildings we have been authorized to erect two suitable buildings, to contain 60 patients, and these are, with the brick building and barns already existing, to form a farm group. These new buildings are now in process of erection, the foundations have been made, and the framework is nearly complete.

The great advantage to the institution in being thus enabled to separate the farm workers, both the hired and the patients, from the rest of the inmates, is readily apparent to all those cognizant of the existing conditions; and these buildings will, it is hoped, afford us some relief from the overcrowding which constantly threatens us.

The number of patients in the hospital Oct. 1, 1902, was 377; on Oct. 1, 1903, it was 422, — an increase of about 12 per cent. As a result of this, the institution is beginning to be overcrowded; 50 patients are now obliged to sleep on movable beds made up in corridors and day rooms.

The trustees desire to enter here a firm protest against the system of overcrowding which has obtained at times in our institutions, and which is directly injurious both to the discipline and the health of the patients. Proper accommodations should be provided, or patients should not be admitted. We hope, however, that any overcrowding with us may be avoided within a short period.

It is a matter of both interest and importance that the amount of work which the institution has done for itself, either through its regular employees or through the aid of the patients, should be realized. The regular work in the industrial room, in the shops, the kitchen, the bakery and the laundry has continued through the year. In addition, a considerable amount of grading, trenching, gardening, pipe laying and general farm work has to be accomplished by the patients.



More especially would we mention that a considerable amount of work on the buildings has been accomplished by our own forces. At the nurses' home, the concreting in the basement, the outside stairs, the arrangement of the furniture, the cleaning of the rooms and the making of the bedding and curtains has thus been done. A large amount of filling, grading and painting in the construction of the laundry building was done by the patients, while the supervision and main portion of the work was attended to by our regular employees. In the necessary work of moving machinery and changing pipes, in connection with the electric building, our hired employees have been much aided by willing patients.

It seems scarcely necessary to again repeat and lay stress on what has been so often mentioned, — the great advantage of regular work to the patients themselves. It is one of the most important items in their treatment, wholly apart from any usefulness or advantage to any one else from such work.

The farm has gone on satisfactorily during the past year. The amount of produce has been good, and in some respects exceeded reasonable expectation. Some new machines have been added for farm work, motors installed instead of engines for ensilage, etc., so that we now have the complete machinery required for the farm work. Some important additions have been made also to the stock, which are now housed in the barns recently purchased.

We have enlarged and improved the work at the greenhouse, devoting special attention to the use of the plant for the purposes of vegetable gardening, though the cultivation of plants and flowers for the wards is not wholly neglected.

Added facilities for medical treatment have been provided, and the efforts of the officers in this direction have been much appreciated by the patients. A considerable amount of valuable work outside the routine has been accomplished, and certain results have been printed. The titles of the articles will be found in the superintendent's report.

The expenses of the institution have been increased this year by the high price of coal; for, although through the foresight of the superintendent most of our hard coal was contracted for before the rise in price, there was some necessity for buying soft coal, and the indirect effects were considerable.

The prices of building also rose much during the year, so that at one time it seemed questionable whether we could place our contracts within the limits of the appropriations, but we finally succeeded in making proper arrangements.

At various times during the past two years it has been brought to the attention of members of the Board that no adequate provision is made for the large number of epileptic children now in the State. After prolonged thought, this matter has been placed in the hands of a committee of the trustees, in order that it may be carefully considered from all sides. It seems probable, however, that it will be deemed advisable that this institution should make provision for epileptic children, and in this case, steps will be taken in this direction in the near future. This is a subject of the most serious importance, and your special attention is now directed to it.

In regard to the work for the coming year, it has been felt by your Board to be wisest, after a most careful consideration of existing conditions, not to request any large appropriation this year beyond the ordinary one required for the current expenses of the hospital. The amount of work done during the past year has taxed our officers heavily, and it has seemed best to your Board that during the year to follow we should devote ourselves chiefly to the completion and perfection of the work already on hand. For this reason the Board make no request for any large appropriation for new undertakings.

We do desire, however, to have a sum to use for certain small changes and arrangements which have become necessary by reason of our increased development. These purposes are : the removal of our ice house to a new site ; an addition to the greenhouse ; removing several old buildings to better positions ; tearing down certain useless buildings, and such other objects as may be required for the benefit of the farm or the patients. We therefore petition the Legislature for the appropriation of \$10,000 to be expended for the purposes above mentioned.

CHAS. A. CLOUGH,  
WILLIAM N. BULLARD,

*For the Trustees.*



## REPORT OF THE SUPERINTENDENT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The following report is respectfully submitted : —

Number of patients Sept. 30, 1902,	377
Since admitted : —	
Sane (2 from visit, 1 from escape),	103
Insane,	29
Discharged and on visit : —	
Sane. — Much improved,	2
Improved,	37
Not improved,	4
Died,	6
On visit,	12
Escaped,	1
	62
Insane. — Much improved,	2
Improved,	3
Not improved,	4
Died,	11
On visit,	5
	25
Number of patients remaining Sept. 30, 1903,	422
Daily average of patients,	409.53
Per capita cost (per week),	\$4.55

To one going about from day to day among our patients, certain needs become more and more apparent. Many conditions are met by the ingenuity of the persons most intimately interested, and often methods thus adopted are not only efficient, but prove the best possible. In many cases, however, the need becomes more pressing the oftener it is encountered, and after much patient and laborious investigation and consultation a few things become prominent as the ones we should try to obtain first.

To find fault with the equipment is fortunately in Massachusetts not as often necessary as one would suppose it to be in some other States, judging from the printed reports. Of course we may find that equipment is inadequate, and the buildings not just as we would design them if starting out on the same problem a second time; but in the main we are fortunate in having buildings located manifestly to our advantage, water supply of ample capacity, sewage disposal equal to all possible growth for many years, heat and light intelligently arranged with capacity for unlimited expansion, cooking and dining room facilities either already fully large enough or so planned that additions can be made when conditions require it without in any way disturbing the original plan, a general large outlook for classification which we can use comfortably now or in the future, area of land large enough for the present and properly placed to allow of separation of sexes and varying groups divided in accordance with their ages, and a segregation of buildings which is proving, to our satisfaction, its entire wisdom.

The plan, as outlined in the former report, has been carried out in several lines, and I recommend the balance of the list of last year as in my opinion requiring attention in the near future. This comprises a general employees' dining room; a cold storage plant; asylum buildings for both sexes; a laboratory building, and balconies on two of the present buildings.

The uses made of appropriations have been fully described in the treasurer's report, and need no further comment.

It may be wise to postpone action on these recommendations of last year at least for this season. The ultimate plan will thus become more specific.

The work for the coming season seems to be in the line of completing what has already been begun, and of caring for a large number of minor matters.

With these many advantages and the prospective progress, I consider that we have cause for encouragement and little reason for finding fault with our equipment; but to be fully satisfied with our success would be unwarranted.

The extreme difficulty of dealing with epileptic people is daily exemplified. Even the naturally mild-tempered and

those with forgiving dispositions, under the stress of the disorders which have epilepsy for a symptom, are at times so irritable that the nurse and fellow worker must exercise almost superhuman tact and patience in order to avoid aggravating the condition.

Concrete examples would be interesting, but are not cited, as being unnecessary in this report.

These patients all look upon themselves as invalids, and have been taught from childhood that they should not work. When we find a poor hemiplegic, who suffers pain and dizziness or a seizure every time he makes an effort to use the affected side in even a slight degree, we cannot help fully agreeing that he should be taken at his own value. The incompetency of such workers cannot be questioned, and the inefficiency of epileptic workers in general is often equally evident, though the majority are greatly benefited by the effort they need to make to keep at regular daily moderate labor.

The discipline which is obtained by these patients from associating with each other, from careful and often-repeated injunctions, from the example of forbearance which all employees are expected to exhibit, and from being to a degree voluntarily under orders, is of marked and lasting value.

The fact that recoveries are not recorded need not affect the hopefulness of our work. We have to consider that nearly every case with us has been to some degree benefited, some remarkably so, and that they are all of a severe type..

The worker in every place, even the humblest, is important here, because he may be the one who sets an example of forbearance towards the patients, of loyalty and contentment. One cheerful, willing worker, who is glad he is able to work, and is not rather looking for a minute to shirk responsibility, can influence in a large degree the whole administration of an institution. My thanks and the gratitude of your Board are due to all such persons, in whatever station they are employed.

The training school has carried on its work with great success. We consider the lengthening of the course to three years of distinct advantage.

We have felt the need of coming more in touch with the recent arrivals, who have not had time to get any of the



training school work, and with the night nurses, who cannot always arrange to attend the lectures and recitations, and have instituted a sort of vacation training school, which calls these people together at suitable times when the other school is not in session, and gives instructions in the most essential points.

The list of graduates is given below : —

*List of Graduates, Massachusetts Hospital for Epileptics, Training School for Nurses, 1903.*

Casey, Marguerite J.

Daley, Catherine M.

Nute, Georgie A.

Flint, George J.

The medical work, dental work, work on dietary, hot air and other treatments are sufficiently noted in the list of work appended.

As a matter of record, it seems wise to briefly enumerate the extra work done during the year in the several departments, though it is not possible to adequately present in a written record all the varied and varying details of the industrial department, the grading, road making, gardening, farm work, etc.

*Steward's Department.* — Fish box and sink put into use in store cellar. Men's kitchen incorporated into K. B. Food cart put into use. Food carriers employed.

*Painter's Department.* — Women's building outside. Greenhouse outside twice. Infirmary inside. Kitchen of K. B. inside. G. cottage inside. Store building outside. Cow barn outside. Horse barn outside. Porches of I. C. M. and M. cottage outside. Veranda of K. B. outside. New laundry outside and inside. Tin roofs of men's and women's buildings. Roof of laundry. Window sashes in carpenter's shop and boiler house. Employees' cottage outside. Men's building inside. Stenographer's office.

*Stenographer.* — Moving into office: furniture, patients' letters, supplies, letter file, patients' valuables. Classifying and renumbering pamphlets on file. Classifying, extending and renumbering letter file. Indexing and arranging keys for nurses' home. Indexing and arranging keys for brick house.

*Gardener's Department.* — Building chimney. Grading



around building. New furnace. New foundations. Catch-basin. New beds for cucumbers. Setting out strawberry bed. Setting out asparagus. Setting out two hundred trees.

*Engineer's Department.* — Refitting hydrants to new hose. Posts and rail for ice platform at K. B. Disconnecting three old locomotive boilers, and moving them outside of boiler house. Disconnecting and moving five feet return tubular boiler from old boiler house to new boiler house. Closet and bowl in A. B. basement. Moving and piping small refrigerator in A. B. basement. Changing from low to high pressure steam line to new laundry. Grading and seeding lawn near power house. Removing old brass and iron pipe in old boiler house. Piping for bath and toilet room in power house. Laying sewer pipe to main from power house. Erecting a line of poles to greenhouse, and running wire on same. Circuit of wires for incandescent lamps in power house. Wiring for lantern K. B. hall. Piping supply and waste to sink in store basement. Lining sink and ice box in store basement. Put in new trap at G. cottage. New lights in refrigerator and over stove at K. B. Changing air and gas pipe at power house. Three floor drains in infirmary basement. Made over awning frames for infirmary piazza. Wiring cabinet, infirmary basement. Shower bath, infirmary basement. New electric lights at M. cottage and men's infirmary. Work on curtains, nurses' home. Electric lights, nurses' home. Regulator on heater at nurses' home. Floor trap at nurses' home. Drain pipe between I. C. M. and laundry building. Lining refrigerator at K. B. Work on engine and generator foundations, power house. Work on concrete floor, power house. Water pipe for washing carriages at horse barn. Erecting electric light poles from power house to horse barn and from horse barn to cow barn. Covering steam pipe in cow barn. Washing machine, extractor, etc., new laundry. Steam and water pipes, new laundry. Work on dry room coils and drying racks. Piping mangle and temporary engine. Laying ten-inch tile west of new laundry. Set up heater at Hyde cottage. Set up three sinks in infirmary. Putting four closets in infirmary. Steam tables in I. C. M. Laying and connecting water pipe from farm cottage to tub in yard. Heat conduit

to nurses' home. Telephone conduit to nurses' home. Heat exhaust to new laundry.

*Carpenter's Department.* — Laundry, shafting and motors. Doors in attic. Vents in K. B. refrigerator. Screens for infirmary. Chair rail on eight wards. Two hundred and fifty picture frames. Two doors, G. cottage. Work in power house. Work at brick house. Work in dispensary. Hose covers. Food wagon. Dirt wagon. Straw cart. Telephone and three screens for administration building. Electric bath. Drug room in infirmary. Duck house. School room fitted up. Bookcase for nurses' home. Bookcase for H. C. Coal trestle. Piazza, employees' cottage. Bread-slicing machine. Supply room for painter. Coal bin, K. B. Two flights bank steps. Fish box for store. Seven hundred feet moulding for electric wire. Thirteen screens for toilet room. Four table tops. Cross arms for poles. Laundry floor laid. Two sleds. Elevator in root cellar. Register board. Stenographer's office fitted up.

*Farmer's Department.* — Hauling stone for filling for trestle. Digging and filling ditches for water and sewer at nurses' home. Removing bank and grading at north side of men's building. Grading in front of carriage house. Repairing highways near hospital grounds. Putting in foundation for ice house. Putting in retaining walls around Plumley buildings. Supplying stone for foundation at greenhouse. Cutting and delivering telephone and electric light poles. Hauling stone, sand and gravel for the new electrical machinery. Carting boilers, generators and engine and loading them on cars. Enlarging and diking brook on Plumley place. Opening and extending barn cellar drains on Plumley place. Clearing ice pond. Hauling gravel for roads and walks around hospital buildings. Hauling cement, gravel and sand for cement floors in buildings. Hauling brick and other material for work about the buildings.

*Marking Room.* — Fitting up 40 rooms at nurses' home. Fitting up four rooms at brick house. Fitting up and moving into new laundry. Cutting 217 men's shirts. Cutting 87 short nightshirts. Cutting 24 long nightshirts. Cutting 10 nightdresses. Mending table linen from employees' cottage, men's building and administration building. Mending clothes bags from all buildings. Mending aprons from K. B. and em-



ployees' cottage. Mending for Hyde cottage patients. Canning 65 quarts squash at employees' cottage. Canning 100 quarts rhubarb at employees' cottage.

*Supervisor of Nurses (Women).* — Preliminary course for new nurses. Gastric lavage. Massage. Electricity. Opening the nurses' home. Changing night nurses from M. cottage to third floor of nurses' home. Removing bedding from third floor of I. W. to be marked for night watch at M. cottage. Changing 13 nurses' rooms to patients' rooms. Changing operating room. Sending patients to ride, to Forest Lake and for car rides. All new patients admitted have bath and clothes disinfected at M. cottage. Physical examination of every new patient admitted.

*Supervisor of Nurses (Men).* — Food carried from K. B. dining room. Work on trestle at coal shed. Grading in front of store, infirmary, I. C. M., M. cottage, nurses' home, G. cottage and K. B. Catch-basins. Ditches dug and pipe laid. Walks and roads made and repaired.

#### ARTICLES WRITTEN.

Psychology of Epilepsy.

Types of Mental Disease, etc.

A Treatment Room for Epilepsy, and Some of its Uses.

Salt Poor Diet.

Accidents to Epileptics.

Sciatica.

Treatment of the Ordinary Conditions of Epilepsy.

The Need of Separate Buildings and Separate Rooms for Some Cases.

Treatment of Status Epilepticus.

Advantages of Epileptics being treated at a Distance from their Homes.

Abstracts on the Psychoses, Dementia Paralytica, Forms of Mental Disease, Epileptic Insanity.

For the Training School: —

Diseases of the Alimentary Canal.

Rules for Nurses.

Preliminary Course for Nurses.

Points on Muscles and Bones.

Diseases of the Kidney.

Typhoid Fever.

Air, Respiration and Ventilation.

## EXTRA MEDICAL WORK.

1. Eye, ear, nose and throat.
2. Gynecology.
3. Minor surgical operations.
4. Vaccination.
5. Electric bath.
6. Gastric lavage.
7. Gastric analysis.
8. Blood counting.
9. Blood pressure observations.
10. Examination of sputum.
11. X-ray work.
12. Salt poor diet.
13. Static electricity.
14. Cabinet and other treatment room work.

In addition to extra medical work, moving into the dispensary, operating room, treatment room, class room, electrical room and laboratories and fitting them up, has been an important item in the medical department.

The fitting up and moving into the stock drug room should also be mentioned.

We have had regular religious services in the assembly room, and give below a list of clergymen who have officiated : —

Rev. Charles Olmstead.	Rev. Fr. M. L. Boyne.
Rev. N. M. Pratt.	Rev. Fr. Carey.
Rev. Willis A. Moore.	Rev. M. Oakman Patton.
Rev. F. B. Harrison.	Rev. C. W. Williams.
Rev. E. C. Stover.	Prof. C. B. Wilson.
Rev. Fr. Donoghue.	Rev. Dr. J. S. Lemon.

The following has been extraordinary outlay during the last year, although it has not been classified as such : —

Outlay for coal (belonging on the previous year's contract),	\$977 96
Outlay for grading,*	473 85
Boiler, etc., for greenhouse,	540 00
Ice house, lumber and mason,	532 98
Removing boilers : —	
Removing,	\$79 16
Resetting,	70 00
	<hr/> 149 16
<i>Amount carried forward,</i>	<hr/> \$2,673 95

\* Trestle included in grading.



*Amount brought forward,* . . . . . \$ 2,673 95

### Catch-basins and concrete : —

Cement, . . . . .	\$467 00
-------------------	----------

[illegible][illegible]

1.180 00

Extra farm help, 5 extra for summer, . . . . .	400 00
--	--------

\$4,253 95

This subtracted from current expenses would reduce the per capita cost to \$4.35. Subtracting \$933.89, the amount received from sales, would reduce the per capita to about \$4.31.

*Medical Lectures.*

DATE.	NAME.	Subject.
<b>1903.</b>		
Jan. 22, .	Dr. T. S. Bacon, . .	Contagious diseases.
Jan. 27, .	Dr. H. E. Emerson, .	Bacteria.
Feb. 6, .	Dr. A. O. Morton, . .	The alimentary canal and some of its diseases.
Feb. 16, .	Dr. G. A. Moore, . .	The anatomy and physiology of the eye.
Feb. 18, .	Dr. L. C. Miller, . .	Diphtheria.
March 27, .	Dr. M. B. Hodskins, .	Diseases of the kidneys.
April 2, .	Dr. G. A. Moore, . .	The anatomy and physiology of the eye.
April 7, .	Dr. M. B. Hodskins, .	Typhoid fever.
April 14, .	Dr. T. S. Bacon, . .	Symptomatology of disease.
April 23, .	Dr. R. A. Greene, . .	Air, respiration and ventilation.
July 10, .	Dr. Everett Flood, .	Types of mental disease, with stereopticon illustrations, and presentation of diplomas.

*Gifts.*

NAME.	RESIDENCE.	Gift.
Sunshine Society, . .	Palmer, . .	Magazines and papers.
Rev. W. H. Hart, . .	Palmer, . .	Books, magazines and papers.
Mr. C. E. Swett, . .	Boston, . .	Loan of colored Japanese slides for stereopticon.
Miss Louise Jelly, . .	Boston, . .	Silk pieces.
Miss Gussie Sentell, . .	Tacoma, Wash.,	Decorations for Christmas tree.
Mrs. Helen M. Whitman,	Medford, . .	Needle-book, handkerchiefs and ribbons.
Mrs. E. P. Wendemuth, .	Dorchester, .	Christmas cards, handkerchiefs and ribbons.
Mrs. A. E. Richardson, .	West Roxbury,	Christmas cards, handkerchiefs and neckties.
Mrs. Regis J. Latinville,	Westborough, .	Christmas cards, handkerchiefs and ribbons.
Miss Nellie J. Evans, . .	Easthampton, .	Flannel and cotton cloth.
American Baptist Missionary Union.	Boston, . .	Loan of slides for stereopticon for lecture on "Indian Missions."
Mr. Lyman Gage, . .	Monson, . .	Magazines and papers.
A friend, . . . .	Palmer, . .	Books.
Miss Hattie Cushman, .	Monson, . .	Books.
Mrs. Willis A. Moore, . .	Palmer, . .	Magazines.
Mrs. Chas. Brainerd, . .	Palmer, . .	Magazines and papers.
Mrs. Adelaide A. Calkins,	Springfield, .	Magazines.
Miss Mason, . . . .	Springfield, .	Silk pieces.
Mrs. E. A. Ellis, . . .	Boston, . .	Magazines.
Mr. Edwin P. Ball, . .	Palmer, . .	Magazines.
Central Massachusetts Electric Company.	Palmer, . .	Admission of patients to theatre at Forest Lake, on various occasions.
Eastern Hampden Agricultural Society.	Palmer, . .	Admission of patients to fair.

*Table Showing Patients employed, and in what Way.*

	Males.	Females.
Grading, . . . . .	27	—
Industrial building:—		
Chair seating, . . . . .	2	—
Printing, . . . . .	2	—
Tailoring, cutting, . . . . .	1	—
Tailoring, sewing, . . . . .	1	—
Cobbling, . . . . .	5	—
Jobbing, . . . . .	1	—
Carving, . . . . .	1	—
Hair picking, . . . . .	2	—

*Table showing Patients employed, and in what Way — Concluded.*

	Males.	Females.
Industrial building — <i>Concluded.</i>		
Shoe sewing, . . . . .	2	—
Mat making, . . . . .	3	—
Administration building, . . . . .	—	2
Employees' cottage, . . . . .	3	5
Nurses' home, . . . . .	—	3
Sewing rooms, . . . . .	—	28
Laboratory, . . . . .	1	—
Dining rooms, . . . . .	14	10
Kitchens, . . . . .	10	40
Laundry, . . . . .	10	50
Stable, . . . . .	3	—
Ward work, . . . . .	50	64
Teaching, . . . . .	—	1
Music practice for assemblies, . . . . .	2	1
With yard man, . . . . .	6	—
Stone, etc., . . . . .	30	—
Painting, . . . . .	5	—
On roads, . . . . .	3	—
Clerical, . . . . .	2	—
Weaving, . . . . .	1	1
Mason, . . . . .	1	—
Carpenter, . . . . .	1	—
Boiler house, . . . . .	4	—
Farm: —		
Such work as apple picking, barn, vegetable garden, clearing land, cutting brush, ditching, teaming, tending sheep, tending cows, milking, with gar- dener.	18	—
Totals, . . . . .	211	205

## AMUSEMENTS.

Dances, 47 ; masquerade, 1 ; readings and impersonations, 9 ; illustrated lecture, “Japan,” 1 ; illustrated lecture, “Indian Missions,” 1 ; illustrated lecture, “Ben Hur,” 1 ; sessions of dancing school, 27 ; entertainment, legerdemain, 1 ; entertainment, local talent, 2 ; stereopticon entertainment, 1 ; musicales, 6 ; phonograph concert, 1 ; excursions to Forest Lake, 24 ; excursions to fair, 4 ; excursion to circus, 1 ; excursion, May 30, 1903, to see parade, 1 ; sleigh rides, 2 ; carriage rides, 29 ; car rides, 4.

## SCHOOLS.

Average number of persons attending school, males, 8 ; females, 25 ; one patient, who is an experienced teacher, assists the instructors. Instruction is given in (1) the kindergarten ; (2) reading ; (3) writing ; (4) numbers ; (5) geography ; (6) history ; (7) nature study ; (8) calisthenics.

Respectfully submitted,

EVERETT FLOOD,  
*Superintendent.*



## ARTICLES MADE AND REPAIRED IN THE SEWING ROOM.

---

Sheets made, . . . . .	264	Strainers made, . . . . .	10
Pillow cases made, . . . . .	449	Floor swabs made, . . . . .	144
Bed ticks made, . . . . .	74	Coats made, . . . . .	2
Mattress ticks made, . . . . .	2	Trousers made, pairs, . . . . .	5
Pillow ticks made, . . . . .	29	Overalls made, pairs, . . . . .	12
Table cloths made, . . . . .	21	Shirts made, . . . . .	217
Napkins made, . . . . .	192	Undershirts made, . . . . .	66
Doilies made, . . . . .	87	Nightshirts made, . . . . .	44
Tray cloths made, . . . . .	10	Underdrawers made, pairs, . . . . .	65
Curtains made, . . . . .	12	Denim socks made, pairs, . . . . .	8
Sash curtains made, pairs, . . . . .	23	Suspenders made, pairs, . . . . .	76
Bureau covers made, . . . . .	47	Neckties made, . . . . .	71
Splashers made, . . . . .	3	Garters made, pairs, . . . . .	217
Towels made, . . . . .	1,016	Aprons made, . . . . .	113
Clothes bags made, . . . . .	57	Night dresses made, . . . . .	10
Clothespin bag made, . . . . .	1	Bibs made, . . . . .	7
Fish bag made, . . . . .	1	Bathing caps made, . . . . .	17
Sawdust bags made, . . . . .	6	Eye shade made, . . . . .	1
Tea and coffee bags made, . . . . .	6	Screens covered, . . . . .	2
Rugs made, . . . . .	167	Hats trimmed, . . . . .	16
Sofa pillows made, . . . . .	5	Quilts hemmed, . . . . .	20
Couch covers made, . . . . .	2	Blankets hemmed, . . . . .	33
Chair cover made, . . . . .	1	Blankets bound, . . . . .	2
Portières made, pair, . . . . .	1	Trousers shortened, pairs, . . . . .	49
Radiator covers made, . . . . .	4	Sleeves shortened, pairs, . . . . .	8
Dusters made, . . . . .	17	Sleeves lengthened, pairs, . . . . .	3
Oven cloths made, . . . . .	6		

## ARTICLES MADE AND REPAIRED IN THE WARDS.

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Aprons made, . . . .	182	Clothes bags mended, . . . .	32
Chemises made, . . . .	92	Coats mended, . . . .	193
Corset covers made, . . . .	36	Coats relined, . . . .	13
Drawers made, pairs, . . . .	88	Chemises mended, . . . .	111
Dresses made, . . . .	132	Corset covers mended, . . . .	81
Dress skirts made, . . . .	2	Drawers mended, pairs, . . . .	128
Night dresses made, . . . .	99	Dresses mended, . . . .	498
Petticoats made, . . . .	43	Hoods mended, . . . .	63
Shirt waists made, . . . .	12	Mittens mended, pairs, . . . .	14
Masquerade suits made, . . . .	42	Night dresses mended, . . . .	288
Neckties made, . . . .	39	Nightshirts mended, . . . .	72
Bandages made, . . . .	10	Overalls mended, pairs, . . . .	71
Bibs made, . . . .	42	Petticoats mended, . . . .	329
Clothes bags made, . . . .	3	Shirts mended, . . . .	228
Curtain made, . . . .	1	Shirt waists mended, . . . .	116
Dusters made, . . . .	148	Stockings mended, pairs, . . . .	3,260
Dishcloths made, . . . .	111	Trousers mended, pairs, . . . .	216
Floor swabs made, . . . .	189	Undershirts mended, . . . .	90
Holdes made, . . . .	762	Undervests mended, . . . .	358
Rug made, . . . .	1	Underdrawers mended, pairs, . . . .	379
Restraints made, . . . .	7	Vests mended, . . . .	163
Screens made, . . . .	4	Blankets mended, . . . .	2
Table covers made, . . . .	6	Counterpanes mended, . . . .	4
Towels made, . . . .	1,009	Pillow cases mended, . . . .	9
Aprons mended, . . . .	263	Sheets mended, . . . .	12
Bibs mended, . . . .	2	Towels mended, . . . .	31

## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOMS.

Shoes made, pairs, . . .	284	Bandages made, . . .	525
Slippers made, pairs, . . .	81	Holders made, . . .	12
Cloth overshoes made, pairs, . . .	53	Oven cloths made, . . .	20
Brooms made, . . .	218	Pamphlets printed, . . .	1,530
Rope rugs made, . . .	42	Weekly paper printed, copies, . . .	4,600
Mattresses made, . . .	12	Blanks printed, . . .	59,280
Coat hangers made, . . .	170	Shoes mended, pairs, . . .	846
Paper tablets made, . . .	167	Shoes marked, pairs, . . .	127
Stools made, . . .	3	Suspenders repaired, pairs, . . .	11
Cribbage board made, . . .	1	Umbrellas repaired, . . .	93
Pill envelopes made, . . .	2,500	Pillows renovated, . . .	461
Screens made, . . .	3	Blankets eyeletted, . . .	9
Rug frame made, . . .	1	Harnesses repaired, . . .	55
Blanket box made, . . .	1	Horse blankets repaired, . . .	4
Stand for fish tank made, . . .	1	Curry-comb repaired, . . .	1
Clock frame carved, . . .	1	Carriage curtains repaired, . . .	2
Wooden doorplates carved, . . .	6	Carriage mats repaired, . . .	3
Single letters and numbers carved, . . .	13	Buffalo robe repaired, . . .	1
Winding stair patterns made, . . .	2	Feed basket repaired, . . .	1
Tin name holders made, . . .	85	Coat hangers repaired, . . .	5
Chair cushions made, . . .	3	Chairs repaired, . . .	7
Bandage rollers made, . . .	2	Chairs reseatd, . . .	14
Swing chair made, . . .	1	Baskets repaired, . . .	54
Hair picked, pounds, . . .	100	Step-ladders repaired, . . .	7
Dresses made, . . .	203	Screens repaired, . . .	42
Petticoats made, . . .	109	Stools repaired, . . .	7
Aprons made, . . .	57	Hammer handles repaired, . . .	10
Drawers made, pairs, . . .	67	Mats repaired, . . .	5
Night dresses made, . . .	173	Belts repaired, . . .	3
Chemises made, . . .	49	Window shades repaired, . . .	3
Belts made, . . .	48	Rocking horse repaired, . . .	1
Coats made, . . .	388	Swing chairs repaired, . . .	5
Vests made, . . .	83	Base balls repaired, . . .	6
Trousers made, pairs, . . .	119	Wash board repaired, . . .	1
Overalls made, pairs, . . .	80	Drawers for laboratory re- paired, . . .	2
Mittens made, pairs, . . .	150	Syringes repaired, . . .	6
Bibs made, . . .	12	Trusses repaired, . . .	3
Towels made, . . .	12	Pieces mended, . . .	5,748

## FARM PRODUCTS

FROM OCT. 1, 1902, TO OCT. 1, 1903.

Milk, 143,513 quarts, . . . . .	\$7,175 65
Eggs, 200 $\frac{3}{4}$ dozen, . . . . .	50 18
Hay, 235 tons, . . . . .	4,230 00
Meadow hay, 30 tons, . . . . .	300 00
Rowen, 20 tons, . . . . .	240 00
Ensilage, 300 tons, . . . . .	900 00
Green fodder, 117 tons, . . . . .	351 00
Rhubarb, 2,318 pounds, . . . . .	92 72
Currants, 144 quarts, . . . . .	14 40
Lettuce, 2,070 heads, . . . . .	41 40
Green peas, 46 bushels, . . . . .	57 50
Radishes, 4 bushels, . . . . .	8 00
Cucumbers, 1,994, . . . . .	39 88
Cucumbers for pickles, 8 bushels, . . . . .	12 00
Sweet corn, 6,780 ears, . . . . .	67 80
Tomatoes, ripe, 46 $\frac{1}{2}$ bushels, . . . . .	46 50
Tomatoes, green, 53 bushels, . . . . .	26 50
Pears, $\frac{1}{2}$ bushel, . . . . .	1 00
Apples, 202 barrels, . . . . .	310 00
Summer squash, 3,052 pounds, . . . . .	76 30
Winter squash, 10 tons, . . . . .	200 00
Beans, 65 bushels, . . . . .	86 00
Pumpkins, 9 loads, . . . . .	30 00
Horseradish, 1 barrel, . . . . .	2 00
Potatoes, 1,268 bushels, . . . . .	794 20
Cabbage, 9 tons, . . . . .	180 00
Turnips, 298 bushels, . . . . .	119 20
Beets, 564 bushels, . . . . .	338 40
Beets, 168 bunches, . . . . .	16 80
Carrots, 623 bushels, . . . . .	373 80
Onions, 171 bushels, . . . . .	171 00
Field corn, 75 bushels, . . . . .	75 00
Broom corn, . . . . .	10 00
Blackberries, 40 quarts, . . . . .	4 00
Parsnips, 230 bushels, . . . . .	172 50
Grapes, 325 pounds, . . . . .	6 50

*Amount carried forward,* . . . . . \$16,620 23



<i>Amount brought forward,</i>	\$16,620 23
Greens, 28 bushels,	12 60
Wool, 250 pounds,	50 00
Pork, 4,375 pounds,	387 54
Lard, 62 pounds,	4 96
Beef, 584 pounds,	40 88
Tallow, 25 pounds,	75
Fowl, 14 pounds,	1 96
Chicken, 95½ pounds,	15 28
Duck, 9¾ pounds,	1 56
Lamb, 1,204½ pounds,	144 54
Veal, 312 pounds,	37 44
Pigs sold, 33,	91 50
Lamb sold, 1,	6 00
Cow sold, 1,	19 00
Calves sold, 14,	81 50
Sheep and lamb pelts sold, 29,	16 02
Vegetables from greenhouse:—	
Beans, 19½ bushels,	19 50
Squashes, 190,	5 70
Lettuce, 838 heads,	29 03
Spinach, 9½ bushels,	9 50
Parsley, 3 bushels,	3 00
Cucumbers, 468,	9 36
Onions, 5 bushels,	5 00
Beets, 8 bushels,	4 80
Turnips, 1 bushel,	40
Carrots, 8 bushels,	4 80
Tomatoes, 20 bushels,	15 00
Greens, 21½ bushels,	21 50
Peas, 5½ bushels,	6 88
Parsnips, 4 bushels,	4 00
Cabbages 150,	7 50
Celery, 585 heads,	17 55
Tomato plants for farm, 750,	15 00
Cabbage plants for farm, 250,	63
Pepper plants for farm, 1 box,	50
Celery plants for farm, 2 boxes,	1 00
Leeks, 80 bunches,	4 00
Total,	\$17,716 41

## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

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Superintendent, per year, . . . . .	\$2,500 00
Assistant physicians (2), per year, . . . . .	1,000 00
Assistant physician, per year, . . . . .	500 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	600 00
Stenographer, per month, . . . . .	30 00
Office assistant, per month, . . . . .	20 00
Steward, per year, . . . . .	1,000 00
Drug clerk, per month, . . . . .	23 00
Supervisor (woman), per month, . . . . .	24 00
Assistant supervisor (woman), per month, . . . . .	22 00
Supervisor (man), per month, . . . . .	35 00
Night nurses (women, 5), per month, . . . . .	\$14 00-18 00
Nurses (women, 17), per month, . . . . .	14 00-22 00
Night nurses (men, 5), per month, . . . . .	20 00-25 00
Nurses (men, 19), per month, . . . . .	20 00-35 00
Engineer, per year, . . . . .	950 00
Assistant engineer, per month, . . . . .	50 00
Helper, per month, . . . . .	32 00
Firemen (4), per month, . . . . .	\$25 00-28 00
Baker, per month, . . . . .	46 00
Kitchen man, per month, . . . . .	27 00
Handy man, per month, . . . . .	34 00
Cooks (4), per month, . . . . .	\$22 00-30 00
Assistant cooks (5), per month, . . . . .	14 00-20 00
Table girls (4), per month, . . . . .	18 00
Foreman industrial room, per month, . . . . .	45 00
Seamstress, per month, . . . . .	30 00
Assistant seamstresses (2), per month, . . . . .	18 00
Laundress, per month, . . . . .	20 00
Laundryman, per month, . . . . .	27 00
Assistant laundresses (5), per month, . . . . .	\$14 00-18 00
Farmer, per year, . . . . .	850 00
Assistant farmers (9), per month, . . . . .	\$20 00-35 00
Gardener, per month, . . . . .	25 00
Assistant gardener, per month, . . . . .	23 00
Driver, per month, . . . . .	35 00
Head carpenter, per day, . . . . .	2 50
Assistant carpenters (3), per day, . . . . .	2 25
Painters (2), per day, . . . . .	\$1 50-2 00

## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital are as follows : —

1. The regular insane commitment, such as is used at the insane hospitals.
2. The sane indigent ; in this case the approval of a judge is required, in addition to the physician's certificate and the notification of the town authorities.
3. The sane private, in which two sureties are required to sign the patient's application.

Every patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood, and can be complied with easily.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany Railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London northern division of the Central Vermont. The Ware River branch of the Boston & Albany Railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.90.

## TREASURER'S REPORT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The report of the finances of this hospital for the year ending Sept. 30, 1903, is respectfully submitted herewith.

### ASSETS.

#### Real estate :—

Cultivated land, 113 acres, . . . . .	\$17,311 00
Woodland, 21 acres, . . . . .	1,465 00
Pasturage, 92 acres, . . . . .	4,237 00
Farm (under appropriation 1901), viz.:—	
Cultivated land, 40 acres, . . . . .	1,600 00
Woodland, 50 acres, . . . . .	1,100 00
Pasturage, 30 acres, . . . . .	300 00
Farm (under appropriation 1903), viz.:—	
Cultivated land, 50 acres, . . . . .	750 00
Woodland, 190 acres, . . . . .	2,850 00
Pasturage, 60 acres, . . . . .	900 00
Water and sewerage systems, . . . . .	33,353 71
Quarry, . . . . .	450 00
	\$64,316 71

#### Buildings :—

Original buildings, . . . . .	\$37,770 00
Buildings (under appropriation 1895), . . . . .	84,000 00
Buildings (under appropriation 1899), . . . . .	85,000 00
Nurses' home, . . . . .	
Electrical building, } (under appropriation 1902),	25,300 00 .
Boiler house (under appropriation 1900), . . . . .	4,600 00
Laundry (under appropriation 1901), . . . . .	9,476 94
Greenhouse, . . . . .	1,100 00
Farm group (under appropriation 1903), viz.:—	
House, . . . . .	\$4,000 00
Barn, . . . . .	1,500 00
Repairs, . . . . .	1,729 45
New buildings, . . . . .	24 91
	7,254 36
Farm cottage (under appropriation 1901), . . . . .	500 00
	255,001 30
<i>Amount carried forward, . . . . .</i>	<i>\$319,318 01</i>



*Amount brought forward,* . . . . . \$319,318 01

Personal estate :—

Live stock on the farm, . . . . .	\$7,299 00	
Produce of the farm on hand, . . . . .	9,351 65	
Carriages and agricultural implements, . . . . .	3,747 85	
Machinery and mechanical fixtures, . . . . .	39,136 33	
Beds and bedding in inmates' department, . . . . .	9,590 94	
Other furniture in inmates' department, . . . . .	16,643 98	
Personal property of State in administration building, . . . . .	6,481 21	
Personal property of State in employees' cottage, . . . . .	1,595 60	
Personal property of State in nurses' home, . . . . .	4,626 53	
Personal property of State in farm group, . . . . .	119 78	
Personal property of State in greenhouse, . . . . .	537 06	
Ready-made clothing, . . . . .	1,526 37	
Dry goods, . . . . .	4,126 74	
Provisions and groceries, . . . . .	1,336 50	
Drugs and medicines, . . . . .	3,706 50	
Fuel, . . . . .	9,738 50	
Library, . . . . .	650 00	
Other supplies undistributed, . . . . .	4,441 69	
		124,656 23
		<hr/>
		\$443,974 24

RECEIPTS.

Cash on hand Oct. 1, 1902, . . . . .	\$11,064 89	
Received from State on special appropriations :—		
Laundry building and machinery, 1901, . . . . .	\$2,546 65	
Nurses' home, 1902, . . . . .	18,740 61	
Electric building and machinery, 1902, . . . . .	17,704 73	
Land and buildings, 1903, . . . . .	10,000 00	
Repairs and alterations old buildings, 1903, . . . . .	1,799 23	
Wood buildings and furnishings, 1903, . . . . .	24 91	
Water, sewerage and outside lighting, 1903, . . . . .	140 71	
Total from appropriations, . . . . .		50,956 84
Received from State for maintenance, . . . . .	\$97,162 90	
Received from towns for support of patients, . . . . .	50,792 96	
Received from individuals for support of patients, . . . . .	5,747 95	
Received from soldiers' relief for support of patients, . . . . .	339 39	
Received from interest on bank deposit, . . . . .	285 69	
Received from farm and farm products, . . . . .	294 48	
Received from store, . . . . .	420 85	
Received from barrels, junk and sundries, . . . . .	218 56	
		155,262 78
		<hr/>
Total receipts, . . . . .		\$217,284 51

## EXPENDITURES.

Salaries, wages and labor, . . . . .	\$35,699 80
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## Food: —

Butter, . . . . .	\$3,206 42
Beans, . . . . .	164 34
Bread and crackers, . . . . .	202 04
Cereals, rice, meal, etc., . . . . .	907 26
Cheese, . . . . .	59 39
Eggs, . . . . .	1,095 63
Flour, . . . . .	1,515 70
Fish, . . . . .	632 98
Fruit, . . . . .	723 68
Meats, . . . . .	4,107 66
Milk, . . . . .	585 67
Molasses, . . . . .	195 04
Sugar, . . . . .	1,149 20
Tea, coffee, broma and cocoa, . . . . .	452 70
Vegetables, . . . . .	1,292 14
Sundries, . . . . .	687 14

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16,976 99

## Clothing and clothing material: —

Boots, shoes and rubbers, . . . . .	\$165 09
Clothing, . . . . .	231 43
Dry goods for clothing and small wares, . . . . .	1,788 87
Furnishing goods, . . . . .	33 00
Hats and caps, . . . . .	49 50
Leather and shoe findings, . . . . .	484 69

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2,752 58

## Furnishings: —

Beds, bedding, table linen, etc., . . . . .	\$740 31
Brushes, brooms, etc., . . . . .	91 30
Carpets, rugs, etc., . . . . .	325 44
Crockery, glassware, cutlery, etc., . . . . .	352 74
Furniture and upholstery, . . . . .	294 71
Kitchen furnishings, . . . . .	263 65
Wooden ware, buckets, pails, etc., . . . . .	71 10
Sundries, . . . . .	44 93

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2,184 18

## Heat, light and power: —

Coal, . . . . .	\$19,441 75
Electricity, . . . . .	234 55
Gas, . . . . .	585 80
Oil, . . . . .	131 29
Sundries, . . . . .	105 00

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20,498 39

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*Amount carried forward, . . . . .* \$78,111 94

*Amount brought forward,* . . . . . \$78,111 94

Repairs and improvements : —

Bricks, . . . . .	\$48 00
Cement, lime and plaster, . . . . .	543 73
Doors, sashes, etc., . . . . .	125 76
Electrical work and supplies, . . . . .	245 06
Hardware, . . . . .	298 82
Lumber, . . . . .	1,348 82
Machinery, etc., . . . . .	99 78
Paints, oils, glass, etc., . . . . .	1,010 19
Plumbing, steam fitting and supplies, . . . . .	1,458 25
Roofing and materials, . . . . .	80 12
Mechanics and laborers (not on pay roll), . . . . .	183 75
Sundries, . . . . .	122 15

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5,564 43

Farm, stable and grounds : —

Blacksmith and supplies, . . . . .	\$231 13
Carriages, wagons and repairs, . . . . .	395 95
Fertilizers, vines, seeds, etc., . . . . .	439 34
Hay, grain, etc., . . . . .	1,710 99
Harness and repairs, . . . . .	88 16
Cows, . . . . .	187 00
Rent, . . . . .	95 00
Tools, farm machines, etc., . . . . .	220 69
Sundries, . . . . .	282 60

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3,650 86

Miscellaneous : —

Books, periodicals, etc., . . . . .	\$231 36
Chapel services and entertainments, . . . . .	837 84
Freight, expressage and transportation, . . . . .	1,564 13
Funeral expenses, . . . . .	50 00
Hose, etc., . . . . .	10 20
Labor (not on pay roll), . . . . .	2,215 41
Medicines and hospital supplies, . . . . .	1,442 55
Postage, . . . . .	246 35
Printing and printing supplies, . . . . .	69 70
Return of runaways, . . . . .	9 85
Soap and laundry supplies, . . . . .	784 24
Stationery and office supplies, . . . . .	393 81
School books and school supplies, . . . . .	10 26
Travel and expenses (officials), . . . . .	541 27
Telephone and telegraph, . . . . .	231 23
Tobacco, . . . . .	357 44
Water, . . . . .	649 46
Sundries, . . . . .	190 57

---

9,835 67

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Total expenses for maintenance, . . . . . \$97,162 90

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*Amount carried forward,* . . . . . \$97,162 90

<i>Amount brought forward,</i> . . . . .	\$97,162 90
Other expenses on special appropriations, . . . . .	50,956 84
Paid State Treasurer, . . . . .	63,654 63
Paid on account of patients, . . . . .	49 87
<hr/>	
Total expenditures, . . . . .	\$211,824 24
Cash on hand Sept. 30, 1903, . . . . .	5,460 27
<hr/>	
	\$217,284 51

## RESOURCES.

Cash on hand, . . . . .	\$5,460 27
Balance for maintenance with State Treasurer, . . . . .	19,065 72
Bills receivable for board, . . . . .	15,749 36
Other bills receivable, . . . . .	153 05
Unexpended special appropriations, . . . . .	40,434 30
Patients' funds on deposit, . . . . .	756 09
Nurses' training school fund, . . . . .	17 54
Expenses account of patients, . . . . .	83 24
<hr/>	
	\$81,719 57

## LIABILITIES.

Salaries unpaid, . . . . .	\$3,218 07
Miscellaneous bills unpaid, . . . . .	5,459 62
Patients' funds, . . . . .	756 09
Nurses' training school fund, . . . . .	17 54
<hr/>	
	9,451 32
<hr/>	
	\$72,268 25

Dividing the total expenditures for maintenance (\$97,162.90)  
 by the average number of patients (409.53) shows an  
 annual cost per patient of . . . . .  
 Equivalent to an average weekly cost of . . . . .

\$237 25+  
 4 55



*Statement of Appropriations.*

OBJECT.	Amount.	Expended previously.	Expended this Year.	Balance Available.
Laundry building and machinery, . . .	\$9,500 00	\$6,930 29	\$2,546 65	\$23 06
Furnishing new buildings, . . . .	20,000 00	19,891 73	-	108 27
Nurses' home, . . . . .	20,000 00	7 13	18,740 61	1,252 26
Electric building and machinery, . .	19,000 00	279 71	17,704 73	1,015 56
Land, buildings and chattels, . . .	10,000 00	-	10,000 00	-
Repairs, alterations and furnishings, .	4,000 00	-	1,799 23	2,200 77
Buildings and furnishing, . . . .	30,000 00	-	24 91	29,975 09
Water, sewage and outside lighting, .	6,000 00	-	140 71	5,859 29
	\$118,500 00	\$27,108 86	\$50,956 84	\$40,434 30

CHAS. B. FISKE,  
*Treasurer.*

OCT. 30, 1903.

I have compared the treasurer's statement of receipts and disbursements for the year ending Sept. 30, 1903, with the books kept at the institution, and find them to agree. Receipts for board, care, etc., to the amount of \$63,654.63, have been turned in to the State Treasurer, for which his vouchers are on file. The cash account is correctly cast, and shows a balance in the hands of the treasurer as follows:—

September receipts for board, care, etc., . . . . .	\$2,868 10
Former receipts to be accounted for, . . . . .	2,592 17
Money belonging to patients, . . . . .	756 09
Nurses' training school fund, . . . . .	17 54
	<hr/>
	\$6,233 90

Deposited in Palmer National Bank, . . . . .	\$5,282 10
Cash vouchers not entered, . . . . .	932 25
Cash in safe at hospital, . . . . .	19 55
	<hr/>
	\$6,233 90

GEO. L. CLARK,  
*Auditor of Accounts.*



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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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# 1.—General Statistics for the Year.

	INSANE.			SANE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1902,	119	116	235	71	71	142	190	187	377
Admitted within the year,	12	17	29	62	38	100	74	55	129
Returned from visit,	—	—	—	—	2	2	—	2	2
Returned from escape,	—	—	—	1	—	1	1	—	1
Whole number of cases within the year,	131	133	264	134	111	245	265	244	509
Discharged within the year,	5	4	9	28	15	43	33	19	52
as much improved,	2	—	2	2	—	2	4	—	4
as improved,	1	2	3	22	15	37	23	17	40
as not improved,	2	2	4	4	—	4	6	2	8
Deaths,	4	7	11	3	3	6	7	10	17
Visits,	3	2	5	7	5	12	10	7	17
Escapes,	—	—	—	1	—	1	1	—	1
Patients remaining Sept. 30, 1903,	119	120	239	95	88	183	214	208	422
Viz.: State patients,	22	30	52	27	19	46	49	49	98
town patients,	95	86	181	54	64	118	149	150	299
private patients,	2	4	6	14	5	19	16	9	25
Number of different persons within the year,	131	133	264	131	110	241	262	243	505
Number of different persons admitted within the year,	12	17	29	60	37	97	72	54	126
Daily average number of patients,	119.47	118.80	238.27	90.92	80.34	171.26	210.39	199.14	409.53
Viz.: State patients,	20.73	26.36	47.09	19.80	13.63	33.43	40.53	39.99	80.52
town patients,	96.95	87.82	184.77	57.87	60.56	118.43	154.82	148.38	303.20
private patients,	1.79	4.62	6.41	13.25	6.15	19.40	15.04	10.77	25.81



2. — *Monthly Admissions, Discharges and Averages — Concluded.*

## DAILY AVERAGE OF PATIENTS IN THE HOSPITAL.

MONTHS.	DEATHS.						DAILY AVERAGE OF PATIENTS IN THE HOSPITAL.							
	INSANE.			SANE.			INSANE.			SANE.				
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.		
<b>1902.</b>														
October, .	-	1	1	-	-	-	119.77	120.13	239.90	74.74	72.81	147.55	192.94	387.45
November, .	1	1	2	1	2	3	119.83	121.40	241.23	84.70	74.50	159.20	195.90	400.43
December, .	-	3	3	-	1	1	118.55	119.48	238.03	86.93	74.36	161.29	193.84	399.32
<b>1903.</b>														
January, .	-	-	-	1	-	1	119.00	117.35	236.35	87.35	75.26	162.61	192.61	398.96
February, .	-	-	-	-	-	-	119.57	118.00	237.57	89.43	77.50	166.93	195.50	404.50
March, .	-	1	1	-	-	1	121.26	118.96	240.22	94.64	78.97	173.61	197.93	413.83
April, .	1	-	1	-	-	1	121.56	119.00	240.56	94.07	83.56	177.63	202.56	418.19
May, .	-	-	-	1	-	1	119.29	119.00	238.29	95.03	85.00	180.03	204.00	418.32
June, .	-	1	1	-	-	1	119.90	118.03	237.93	98.80	83.97	182.77	202.00	420.70
July, .	1	1	2	-	-	2	118.93	116.61	235.54	95.16	82.94	178.10	199.55	413.64
August, .	1	1	2	1	1	2	118.32	117.55	235.87	94.19	87.03	181.22	204.58	417.09
September, .	-	-	-	-	-	-	117.66	120.03	237.69	96.00	88.13	184.13	208.16	421.82
Total of cases, .	4	7	11	3	3	6	-	-	-	-	-	-	-	-
Total of persons, .	4	7	11	3	3	6	-	-	-	-	-	-	-	-
Daily average, .	-	-	-	-	-	-	119.47	118.80	238.27	90.92	80.34	171.26	199.14	409.53

3. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	10	17	27	50	34	84	60	51	111
Second, . . . . .	2	-	2	8	3	11	10	3	13
Third, . . . . .	-	-	-	4	1	5	4	1	5
Total of cases, . . . . .	12	17	29	62	38	100	74	55	129
Total of persons, . . . . .	12	17	29	60	37	97	72	54	126

4. — *Relations to Hospitals of Cases admitted.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Inmates of this hospital only, . . . . .	4	5	9	45	34	79	49	39	88
Former inmates of this hospital only, . . . . .	2	-	2	9	4	13	11	4	15
Former inmates of this and other hospitals, . . . . .	-	-	-	3	-	3	3	-	3
Former inmates of other hospitals: —									
Boston Insane Hospital, . . . . .	-	2	2	-	-	-	-	2	2
Hospital Cottages for Children, . . . . .	2	4	6	2	-	2	4	4	8
Hospital Cottages for Children and State Hospital, . . . . .	1	-	1	-	-	-	1	-	1
Hospital Cottages for Children and Taunton Insane Hospital, . . . . .	-	-	-	1	-	1	1	-	1
Northampton Insane Hospital, . . . . .	-	2	2	-	-	-	-	2	2
State Hospital, . . . . .	-	1	1	1	-	1	1	1	2
Taunton Insane Hospital, . . . . .	2	-	2	-	-	-	2	-	2
Westborough Insane Hospital, . . . . .	-	2	2	-	-	-	-	2	2
Worcester Insane Asylum, . . . . .	-	-	-	1	-	1	1	-	1
Worcester Insane Hospital, . . . . .	1	1	2	-	-	-	1	1	2
Total of cases, . . . . .	12	17	29	62	38	100	74	55	129
Total of persons, . . . . .	12	17	29	60	37	97	72	54	126



5. — *Nativity and Parentage of Persons admitted.*

	INSANE.												SANE.												TOTALS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	MALES.						FEMALES.						TOTALS.						MALES.						FEMALES.						TOTALS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Patients.			Fathers.			Mothers.			Patients.			Fathers.			Mothers.			Patients.			Fathers.			Mothers.			Patients.			Fathers.			Mothers.			Patients.			Fathers.			Mothers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



*6. — Residence of Persons admitted.*

COUNTIES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable, . . .	1	—	1	1	2	3	2	2	4
Berkshire, . . .	—	—	—	3	—	3	3	—	3
Bristol, . . .	—	—	—	6	2	8	6	2	8
Essex, . . .	—	1	1	3	4	7	3	5	8
Franklin, . . .	—	—	—	—	1	1	—	1	1
Hampden, . . .	—	1	1	7	2	9	7	3	10
Hampshire, . . .	—	1	1	—	—	—	—	1	1
Middlesex, . . .	2	2	4	14	9	23	16	11	27
Norfolk, . . .	—	1	1	2	3	5	2	4	6
Plymouth, . . .	1	—	1	2	1	3	3	1	4
Suffolk, . . .	5	7	12	18	9	27	23	16	39
Worcester, . . .	3	4	7	4	4	8	7	8	15
Totals, . . .	12	17	29	60	37	97	72	54	126

7. — Civil Condition of Persons admitted.  
INSANE.

NUMBER OF THE ADMISSION.			UNMARRIED.		MARRIED.		WIDOWED.		DIVORCED.		TOTALS.	
			Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Tot.
First, .	.	.	7	11	18	3	1	4	-	1	1	27
Second, .	.	.	1	-	1	1	-	-	-	-	-	2
Third, .	.	.	-	-	-	-	-	-	-	-	-	-
Total of cases, .	.	.	8	11	19	4	1	5	-	1	1	29
Total of persons, .	.	.	8	11	19	4	1	5	-	1	1	29
SANE.												
First, .	.	.	44	26	70	8	5	13	-	-	-	86
Second, .	.	.	6	1	7	1	2	3	-	-	-	10
Third, .	.	.	3	-	3	-	1	1	-	-	-	4
Total of cases, .	.	.	53	27	80	9	8	17	-	-	-	100
Total of persons, .	.	.	51	27	78	9	7	16	-	-	-	97
TOTALS.												
First, .	.	.	51	37	88	11	6	17	-	1	1	113
Second, .	.	.	7	1	8	2	2	4	-	-	-	12
Third, .	.	.	3	-	3	-	1	1	-	-	-	4
Total of cases, .	.	.	61	38	99	13	9	22	-	1	1	129
Total of persons, .	.	.	59	38	97	13	8	21	-	1	1	126



8. — *Occupations of Persons admitted.*

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Clerk, . . . .	-	1	1	Shipping clerk, . . . .	-	1	1
Dentist, . . . .	-	1	1	Shoemakers, . . . .	-	3	3
Errand boy, . . . .	-	1	1	Silversmith, . . . .	-	1	1
Farmers, . . . .	1	3	4	Stonecutter, . . . .	1	-	1
Fireman, . . . .	-	1	1	Stone mason, . . . .	-	1	1
Galvanizer, . . . .	-	1	1	Students, . . . .	-	2	2
Laborers, . . . .	1	11	12	Tailor, . . . .	-	1	1
Machinist, . . . .	-	1	1	Teamster, . . . .	-	1	1
Merchant, . . . .	-	1	1	Wood finisher, . . . .	1	-	1
Operatives, . . . .	-	3	3	Unknown, . . . .	7	24	31
Painters, . . . .	1	1	2				
Sailor, . . . .	-	1	1	Totals, . . . .	12	60	72

## FEMALES.

Bookkeeper, . . . .	-	1	1	Student, . . . .	-	1	1
Domestics, . . . .	6	6	12	Teacher, . . . .	1	-	1
Housewives, . . . .	1	5	6	Waitress, . . . .	-	1	1
Herb doctor, . . . .	-	1	1	Unknown, . . . .	9	17	26
Nurse, . . . .	-	1	1				
Operatives, . . . .	-	4	4	Totals, . . . .	17	37	54

## DAUGHTER OR WIFE OF —

Carpenters, . . . .	1	2	3	Operatives, . . . .	1	1	2
Carpet layer, . . . .	-	1	1	Painters, . . . .	1	1	2
Conductors, . . . .	1	1	2	Paper hanger, . . . .	-	1	1
Electrician, . . . .	-	1	1	Peddlers, . . . .	-	2	2
Farmers, . . . .	1	2	3	Plumber, . . . .	-	1	1
Hostler, . . . .	-	1	1	Shoemakers, . . . .	-	3	3
Inventor, . . . .	-	1	1	Teamster, . . . .	-	1	1
Laborers, . . . .	1	4	5	Upholsterer, . . . .	-	1	1
Lather, . . . .	1	-	1	Whip manufacturer, . . . .	1	-	1
Lighthouse keeper, . . . .	1	-	1	Wood dealer, . . . .	-	1	1
Masons, . . . .	1	1	2				
Musician, . . . .	1	-	1	Totals, . . . .	11	27	38
Night watchman, . . . .	-	1	1				

9. — *Probable Causes of Disease in Persons admitted.*

	INSANE.			SANE.			Totals.
	Males.	Females.	Totals.	Males.	Females.	Totals.	
Alcoholism, . . .	1	—	1	2	—	2	3
Apoplexy, . . .	—	—	—	—	1	1	1
Childbirth, . . .	—	1	1	—	1	1	2
Dissipation, . . .	1	—	1	2	—	2	3
Exposure, . . .	—	—	—	—	1	1	1
Fright, . . .	—	—	—	4	3	7	7
Grief, . . .	—	—	—	—	1	1	1
Indigestion, . . .	—	1	1	—	—	—	1
Intestinal worms, . . .	—	1	1	—	—	—	1
La grippe, . . .	—	—	—	—	1	1	1
Malaria, . . .	—	—	—	1	—	1	1
Masturbation, . . .	—	—	—	1	1	2	2
Measles, . . .	—	—	—	1	—	1	1
Menopause, . . .	—	—	—	—	1	1	1
Menstruation, . . .	—	1	1	—	—	—	1
Nervousness, . . .	—	—	—	—	2	2	2
Overeating, . . .	—	—	—	2	—	2	2
Overstudy, . . .	—	—	—	1	—	1	1
Overwork, . . .	—	1	1	1	—	1	2
Pertussis, . . .	—	—	—	—	1	1	1
Prenatal accident, . . .	—	1	1	—	—	—	1
Scarlatina, . . .	—	—	—	2	—	2	2
Stomach trouble, . . .	—	—	—	1	—	1	1
Sunstroke, . . .	—	—	—	1	—	1	1
Teething, . . .	—	—	—	—	1	1	1
Trauma, . . .	1	—	1	6	3	9	10
Typhoid fever, . . .	—	—	—	1	—	1	1
Vaccination, . . .	—	—	—	1	—	1	1
Worry, . . .	—	—	—	—	1	1	1
Unknown, . . .	9	11	20	33	19	52	72
Totals, . . .	12	17	29	60	37	97	126

10. — *Record of Cases admitted within the Year.*

PATIENTS.	INSANE.			SANE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted, . . . . .	12	17	29	62	38	100	74	55	129
Discharged improved, . . . . .	-	1	1	18	10	28	18	11	29
not improved, . . . . .	1	-	1	4	-	4	5	-	5
died, . . . . .	-	1	1	1	-	1	1	1	2
on visit, . . . . .	-	1	1	5	1	6	5	2	7
escaped, . . . . .	-	-	-	1	-	1	1	-	1
Remaining Sept. 30, 1903, . . . . .	11	14	25	33	27	60	44	41	85
Number likely to recover, . . . . .	-	-	-	-	1	1	-	1	1
Number likely to improve, . . . . .	5	8	13	33	24	57	38	32	70











## 14. — Discharges, classified by Admission and Result.

NUMBER OF THE ADMISSION.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
			Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —																	
First, .	.	.	2	—	2	1	2	3	2	2	4	4	5	9	9	9	18
Second, .	.	.	—	—	—	—	—	—	—	—	—	—	2	2	—	2	2
Third, .	.	.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B. — Sane epileptics : —																	
First, .	.	.	2	—	2	15	14	29	4	—	4	3	3	6	24	17	41
Second, .	.	.	—	—	—	7	1	8	—	—	—	—	—	—	7	1	8
Third, .	.	.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total of cases, .	.	.	4	—	4	23	17	40	6	2	8	7	10	17	40	29	69
Total of persons, .	.	.	4	—	4	22	17	39	6	2	8	7	10	17	39	29	68



15. — *Causes of Death.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system : —									
Cervical myelitis, . . .	1	—	1	—	—	—	1	—	1
Exhaustion from epilepsy,	1	1	2	—	1	1	1	2	3
Status epilepticus, . . .	1	2	3	1	—	1	2	2	4
Genito-urinary system : —									
Chronic diffuse nephritis,	—	—	—	—	1	1	—	1	1
Respiratory system : —									
Broncho-pneumonia, . . .	—	1	1	—	—	—	—	1	1
Pneumonia, . . . . .	—	—	—	1	—	1	1	—	1
Pulmonary edema, . . .	1	—	1	1	—	1	2	—	2
Pulmonary tuberculosis, .	—	1	1	—	—	—	—	1	1
General : —									
Senile gangrene, . . .	—	1	1	—	—	—	—	1	1
Suffocation, . . . . .	—	—	—	—	1	1	—	1	1
Typhoid fever, . . . . .	—	1	1	—	—	—	—	1	1
Totals, . . . . .	4	7	11	3	3	6	7	10	17

17. — Deaths, classified by Duration of Disease and Treatment.

INSANE.

PERIOD.	LAST ATTACK.			ALL ATTACKS.		
	DURATION BEFORE ADMISSION.			WHOLE KNOWN PERIOD OF DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Epileptic:—						
Congenital, . . . . .	—	—	—	—	—	—
Under 1 month, . . . . .	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	—	—	—
3 to 6 months, . . . . .	—	—	1	—	—	—
6 to 12 months, . . . . .	—	—	3	—	—	—
1 to 2 years, . . . . .	—	—	6	—	—	2
2 to 5 years, . . . . .	—	—	1	—	—	—
5 to 10 years, . . . . .	—	1	1	—	1	—
10 to 20 years, . . . . .	1	2	3	1	1	2
Over 20 years, . . . . .	3	3	6	3	3	—
Unknown, . . . . .	—	—	—	—	—	—
Totals, . . . . .	4	7	11	4	7	11
Average in months, . . . . .	333	226.28	265.09	365.75	244.71	288.72

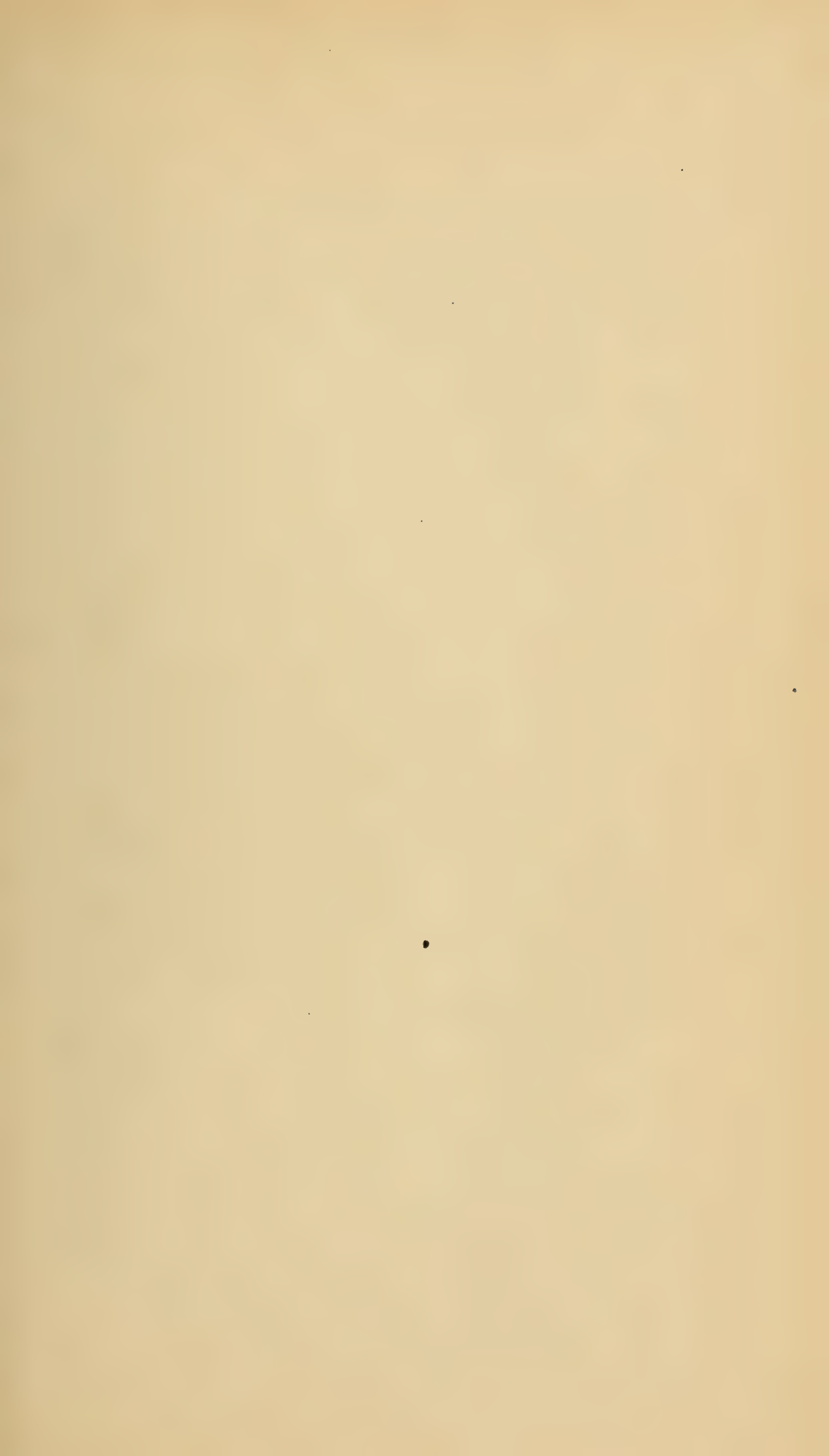


## 17. — Deaths, classified by Duration of Disease and Treatment — Concluded.

## TOTALS.

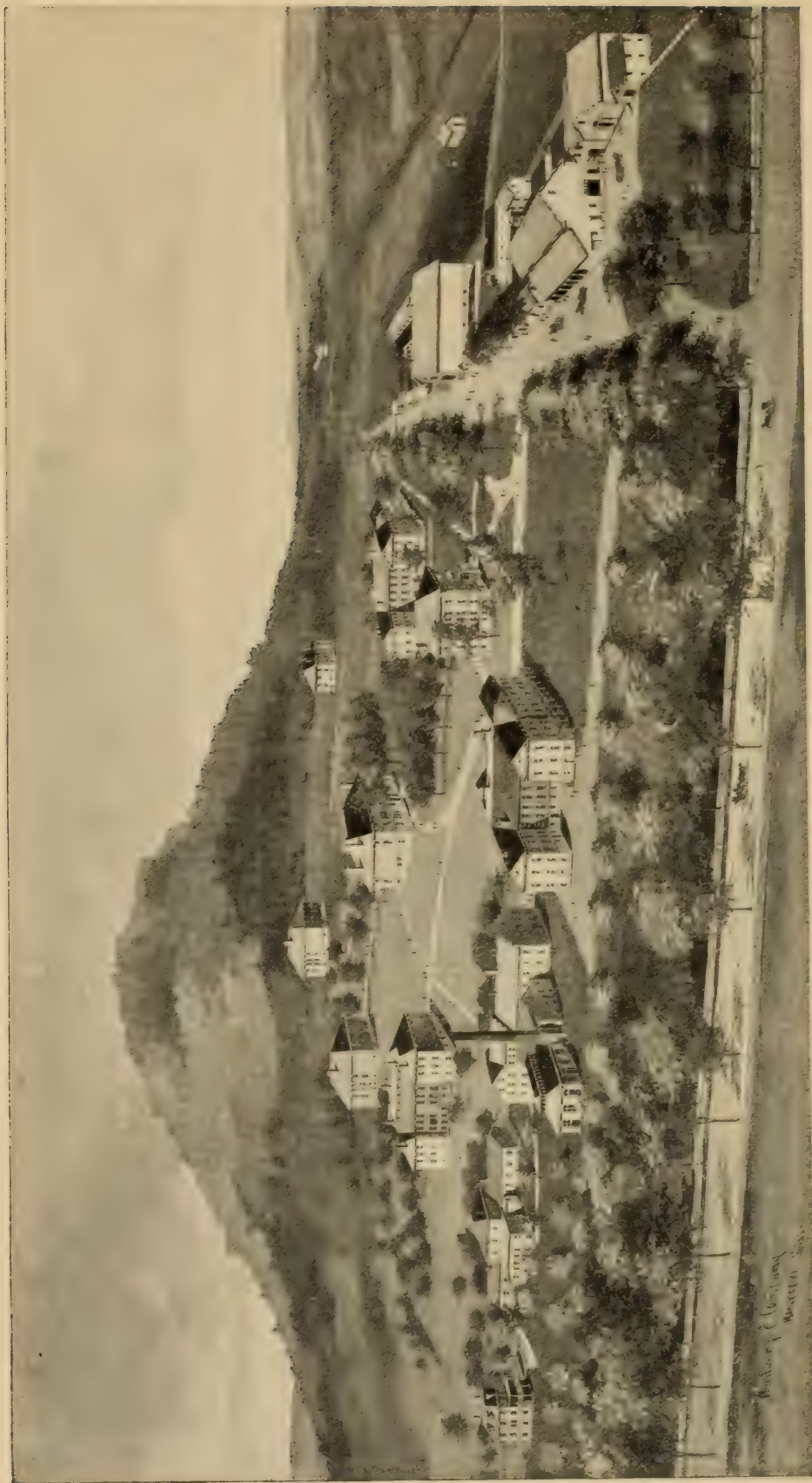
PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION OF ATTACK.			WHOLE KNOWN PERIOD OF DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Epileptic: —												
Congenital, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
1 to 2 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
2 to 5 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
5 to 10 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
10 to 20 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Over 20 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .	7	10	17	7	10	17	7	10	17	7	10	17
Average in months, . . . . .	252	200.4	219.75	39.42	25.95	315	288.83	232	253.31	56.4	47.33	50.57











BIRD'S-EYE VIEW OF THE MASSACHUSETTS HOSPITAL FOR EPILEPTICS.



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REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE

YEAR ENDING SEPTEMBER 30, 1904.



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1900

AT THE STATE OF TEXAS

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OFFICERS

OF THE

MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	. . .	BOSTON.
CHARLES A. CLOUGH, <i>Secretary</i> ,	. . .	GROTON.
MABEL W. STEDMAN,	. . .	BROOKLINE.
HENRY P. JAQUES, M.D.,	. . .	LENOX.
WALTER W. SCOFIELD, M.D.,	. . .	DALTON.
WINFORD N. CALDWELL,	. . .	SPRINGFIELD.
MARY P. TOWNSLEY,	. . .	SPRINGFIELD.

---

RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	. . .	<i>Superintendent.</i>
ARTHUR O. MORTON, M.D.,	. . .	<i>Assistant Physician.</i>
MORGAN B. HODSKINS, M.D.,	. . .	<i>Assistant Physician.</i>
RANSOM A. GREENE, M.D.,	. . .	<i>Assistant Physician.</i>
LILLIAN M. KINCAID,	. . .	<i>Clerk.</i>
MARY W. WENTWORTH,	. . .	<i>Stenographer.</i>
CHARLES F. SIMONDS,	. . .	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	. . .	<i>Engineer.</i>
J. W. WILLIAMS,	. . .	<i>Farmer.</i>

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TREASURER.

CHAS. B. FISKE,	. . .	PALMER.
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OFFICE AT THE HOSPITAL.



# OFFICERS

OF THE

## MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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### TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	. . .	BOSTON.
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J. W. WILLIAMS,	. . . . .	<i>Farmer.</i>

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### TREASURER.

CHAS. B. FISKE,	. . . . .	PALMER.
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OFFICE AT THE HOSPITAL.





# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and Honorable Council.*

The trustees of the Massachusetts Hospital for Epileptics at Monson respectfully submit the following report : —

The Governor of the Commonwealth has renominated the two trustees, Mrs. Stedman and Mr. Clough, whose terms had expired, and these nominations have been confirmed. Mrs. Adelaide A. Calkins has, to our great regret, found it advisable to resign from the Board, and Mrs. Mary P. Townsley of Springfield has been appointed to fill the vacancy. Mrs. Calkins has been a trustee since the establishment of the institution. She has been a witness and an active participant in its growth and prosperity, and the loss of her judgment and her interest in its affairs cannot be replaced.

The trustees did not consider it necessary during the past year to ask for any large appropriation. On the contrary, the work in hand and for which the funds had been already provided was more than sufficient to fully employ the time and thought of the officers of the institution, when taken together with their routine duties and the necessary details which always arise. Moreover, it was the view of the Board that in every progressive institution a certain period of comparative rest is required, in order to better organize and arrange the already existing plant, and to think out and formulate the best methods for future advance and extension. In this way the general plan and policy can best be carried out, with the least risk of taking

any steps which would need later to be retraced or modified. For these reasons, the only appropriation asked for was one of \$10,000, for the purpose of doing certain extra work and completing certain details, as follows : —

1. For the construction of an ice house at the old reservoir, . . .	\$1,100
2. For the construction of a greenhouse, specially designed for vegetables (this included removing one of our present old buildings to the vicinity of the present greenhouse, putting in suitable foundations, repairing this and other buildings, and rearranging the heating apparatus), . . . . .	1,300
3. Removing two other old buildings to new sites and repairing them, . . . . .	500
4. Tearing down several old buildings at the Northrop place and repairing the house there for use as an isolation house, . .	700
5. For the construction of certain new roads and additional grading, . . . . .	400
6. For the purchase of the Northrop pasture, as per lease, . .	250
7. Vegetable cellar, . . . . .	1,000
8. Painting assembly hall and making stage, . . . . .	200
9. Taxes, . . . . .	110
10. Pipe covering, . . . . .	90
11. Water-closet vents in administration building, . . . . .	100
12. Attic rooms in infirmary, . . . . .	400
13. Attic rooms in farm group, two buildings, . . . . .	700
14. A lumber dry room with steam coils and exhaust steam connection, . . . . .	750
15. Concreting the basements in five buildings, . . . . .	1,000
16. Building in a refrigerator and concreting the floor in administration kitchen, . . . . .	300
17. Renewing old floors in employees' cottage, . . . . .	250
18. New conduits and steam piping where the old is decayed, . .	450
19. Running exhaust steam to employees' cottage and Hyde cottage, . . . . .	200
20. Repairing all the food elevators, . . . . .	200

A portion of this work has already been completed, and the rest will be as soon as the general arrangements will allow.

The two new buildings in the farm group, whose erection and furnishing was provided for by an appropriation in 1902, have been completed during the past year and furnished, and the patients are now being moved in. They are similar and not unattractive in appearance, situated on the slope of the hill which formerly formed part of the Plumley farm and faced the old farm dwelling. They are one story high above the base-

ment, not including the attics. The basements, which are made partly of stone, are used for the kitchens, dining rooms and other purposes.

These buildings are planned to accommodate 60 male patients, who can work on the farm or grounds, and who are fitted to live in open buildings. They, together with the brick house, which was purchased with the Plumley farm and its attendant buildings, form the farm group. During the past year this brick house has been fully put in order and fitted up for the farm employees. The barns attached to it are now in good repair and in full use.

A large amount of work has been carried on this year on the farm, the grounds and the gardens, by groups of patients under the care of suitable attendants. Road making and grading has occupied much time and attention, and the position of the new farm buildings on the hill slope has made a large amount of this necessary around them. We find that in most places nothing short of concrete walks will resist the force of the torrents of water which sweep down the hillsides. We have, however, improved steadily on the former conditions, and by means of catch-basins have succeeded in controlling the floods to a considerable extent. This work must, however, be continued persistently.

A large amount of outdoor work has also been done in turning back or returning to its old channel a brook which had, previous to our occupation of the farm, broken a new passage for itself, and was overflowing and rendering useless some of our most fertile meadow land.

The trustees cannot too strongly state their belief that suitable work and occupation is one of the most important requisites in the care and treatment of the conditions for which our inmates seek relief. For a large proportion of our male patients outdoor laboring work in one form or another is the best that can be provided. The patients must be graded, and each placed where he can do what is best suited to his capacity. Some can work but a short time consecutively, and can do only the simplest kinds of work, such as stone breaking; others are capable of much more; and some are at times at least actively intelligent. Constant and unremitting supervision and care must



always be exercised, and it is our aim that this should be done in the surest and safest but least conspicuous manner.

So much depends on the character, skill and judgment of the attendants in such an institution as ours, that too much care cannot be taken in their selection. No questionable or doubtful actions can be permitted. We believe that those now employed are satisfactory. It is one of the most responsible, difficult and delicate duties of the superintendent to accomplish this.

A full list in detail of the manifold kinds of work carried out, undertaken and completed during the year will be given in the superintendent's report. It is hardly necessary for us to repeat that this year has purposely been devoted largely, in addition to the building, furnishing and repairing of the new farm buildings and the land around them, to the arranging, improving, repairing, strengthening and rendering more valuable the property under our charge.

Certain of the old sheds which were so unsightly in front of the administration building have been removed, one torn down and its sound lumber utilized, one carried where it can be usefully employed elsewhere. Two barns on the Northrop farm were removed from their rotten foundations, properly repaired, and are now stored with hay.

Two thousand trees have been set out on the grounds.

All the property not already surveyed has been carefully gone over, and bounds set. Two of the patients have been agreeably employed in this work.

The trustees have sometimes been asked why they have not made more discoveries in relation to the causation, the treatment and the cure of epilepsy. The answer to this is evident to those who have studied the problem. It is two-fold. Firstly, a good deal of work has been done in this direction, in spite of the fact that the necessary routine and other duties of the officers must often leave them but little spare time. Secondly, —and this is a point not always thoroughly appreciated, —both time and *money* are required to follow out the most promising paths of investigation; and, even were these unlimited, it is still important to have a specially skilled expert for much of the work of this character. One of the great drawbacks to



the undertaking of special scientific investigation, aside from its cost, is the fact, which must be plainly recognized in the beginning, that it is almost the only form of valuable and important work from which no given results can be predicted in any special case. After the expense of time, labor and money, the result may be magnificent or it may be insignificant. The more able and the more learned the expert investigator, the more probable it is that the results of his work will be valuable, but in no case is it certain. Considering our resources and opportunities, much good research work has been performed this year. Extended observations on blood pressure have been made, and a form and method of administration of certain remedies has been determined.

Every institution that does not progress falls behind its duties to the public and its privileges. Every active institution of the size and character of this one has many needs, some more or less absolute, some less pressing, and it is the duty of the governing board to set these forth plainly. The trustees have no desire to ask for anything which is not, in their opinion, required for the maintenance, advance and progress of the hospital, and for its best present and future welfare.

We have, after mature deliberation, determined that our most important duty now is to provide better facilities for the care of our more actively afflicted men. While we are not required by the law to care for the violent, we necessarily have some patients who at times may create disturbances and be harmful to themselves and obnoxious to others. It is therefore imperative that suitable rooms for such persons should be provided, and we ask for a building to accommodate 100 men, in which a sufficient number of these rooms shall be placed. The numbers of epileptics waiting in other institutions to be transferred here would more than fill such a building at once. It is evident that by such transference space will be left for an equal number of other patients in the institutions from which they are taken.

In addition to this important matter, we need comparatively small sums for completing our former work, for repairs and minor details. It is desirable for us to move the old cow barn and the hay barn, together with the other old buildings, from

their present position opposite and in front of the administration building to a more suitable place. For this purpose we ask for \$8,300; for the expense of the moving, \$3,300, and \$3,000 for the new foundations required; for concrete floors and fire-proof walls and floors, \$2,000 are required.

Very respectfully,

W. N. BULLARD,

*For the Trustees.*

## REPORT OF THE SUPERINTENDENT.

---

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The following report is respectfully submitted : —

Number of patients Sept. 30, 1903,	422
Since admitted : —	
Sane (3 from visit, 1 from escape),	98
Insane (2 from visit),	38
Discharged and on visit : —	
<i>Sane.</i> — Much improved,	8
Improved,	22
Not improved,	14
Died,	12
Transferred,	2
On visit,	8
Escaped,	3
	69
<i>Insane.</i> — Much improved,	3
Improved,	5
Died,	13
Transferred,	2
On visit,	5
Escaped,	2
	30
Number of patients remaining Sept. 30, 1904,	459
Daily average of patients,	450.04
Per capita cost (per week),	\$4.57

I am glad to record the outlines of some of our work, and to announce a year of unbroken prosperity, to note the general contentment of our patients and to testify to the exceptional faithfulness of employees. The multitude of details to which you have patiently attended during the year would be too lengthy to rehearse.

Your medical staff is fully alive to the opportunities and responsibilities here. While we feel the need of more expert



guidance, and hope for this to come in time, we are constantly alert for methods by which we can improve the condition of the patient.

The tendency of patients to go home if they remain free from attacks a few months, calling themselves cured, is great, and the relapses which follow are discouraging. Going home on a visit is nearly always harmful, and hence we always advise to the contrary.

So far the large number of improved cases furnishes our main encouragement. Nearly all gain here, and some remain free from attacks so long as they continue the routine life and are obedient to our slight restrictions.

We deal in a degree with feeble-minded and insane, and yet even with them, improvement that might be classed as recovery from the epileptic seizures occurs; with the balance, forming the more hopeful portion, much better results as to permanent recovery and a restoration to a self-supporting basis ought to be possible.

The treatment carried on now and the research work under way are fully discussed in separate publications. We hope to improve upon these methods during the coming year.

The advantages of a treatment room are great. We plan extending its usefulness in several directions, by the addition of another electric light cabinet for the patient to be wheeled into in a recumbent position, for some further apparatus for mechanical massage, and for an enlarged static machine.

In the hospitals of Massachusetts there are 149 epileptic cases that are practically of the same grade as our present ward patients, and should be cared for here. This also agrees with the plans which the State Board of Insanity has outlined.

The asylum cases, numbering 175, the State Board do not plan to transfer to us, and hence we need not try to provide accommodations for them.

The other epileptics in institutions are as follows:—

Massachusetts School for Feeble-minded, . . . . .	109
Hospital Cottages for Children, . . . . .	99
Almshouses, . . . . .	100
Private institutions, . . . . .	12



The main portion of epileptic persons in Massachusetts still reside in their own homes. The entire number in the State cannot be estimated at less than 10,000. At least 10 per cent. of them desire treatment away from home, as is evidenced by applicants here, and an experience of some years with the friends of these persons. For this class, home-like cottages having small numbers in each are manifestly best. Twelve thousand dollars, for each such cottage, to care for a family of 25, would be about right. There should be many single rooms and cheerful exteriors, with gardens, hedges, etc.

A small sum can be paid for treatment, so that this large number of persons need not be of much expense to the State beyond the cost of suitable residences.

Many weak persons outside of hospital care are upheld and sustained morally and mentally by considerate friends, and this is, of course, the ideal mode of life for them; but when these friends no longer help, the institution comes in as a substitute to protect the patient himself and the public as far as possible.

The plan for future growth is essentially the same that has been advocated so many times already in these reports.

A little more definite recommendation can be made than ever before, as our needs become more clearly outlined.

The wise provisions of the past have supplied many of the needs originally felt, and for those remaining new conditions require only slight modifications. I therefore recommend to your Board that efforts be made to secure this year suitable provisions for men who need single rooms, as a means of caring for those who are at times disturbed, and to give separate accommodations to the better and more appreciative men, who need a little moral restraint and who are not happy under the cottage system. Such a building should give us four distinct groups, and very much aid in classification.

The list proposed will then stand as before: a general employees' dining room; a single-room building for each sex; a cold-storage plant; a laboratory.

To this I wish to add for your consideration needs which appear to me to be following closely: a general assembly room; a stable; a cow barn.

One large building to use with our present plant for men, and in time a similar one for women, and the small cottages each under an independent house father and mother will furnish the desired units. Several institutions for the epileptic have already signified their plan to work in this line after the example of the Bethel Colony. I believe this to be in the main the right course.

Incidental to our progress has appeared much sooner than I expected the urgent call for the removal of all our farm buildings to the new farm centre on the Plumley farm. This will improve the appearance of our main front, and will commend itself to every one familiar with the situation as necessary for the economical management of the farming operations.

The amusements and entertainments provided for the patients have consisted as formerly of dances one evening and one afternoon each week, one evening each week with a hired entertainer, outdoor games and picnics.

The dancing school which we hold each Saturday afternoon is much appreciated, and is a wholesome and helpful adjunct to our work. I cannot conceive of there being any harmful influences from this or from the weekly evening dances.

The Sunday services, the Saturday mass and the Sunday-school are valued aids. The receptivity of religious ideas is noticeable. We plan to keep this wholesome and normal, and not to introduce any sentimental excess. The demand among these patients for religious things is especially attended to at the Bethel Colony; to a much less extent here; but even there the methods are always commendable, and the patient helped and encouraged, taught self-restraint and charity, and the whole work sweetened to a remarkable degree.

While our schools do as efficient work as can be expected, the value of manual training, to such patients as we have, is very evident, and can never be equalled by mere book culture. To the most of them our efforts come too late in life to yield full results. A few have been intelligently trained at home; but nearly all are badly managed, dosed with harmful medicine, and are the victims of misdirected though affectionate advice from unskilled friends and from mercenary dispensers of dearly bought drugs and deceitful literature. I am sure there is a



great field of usefulness for general instruction as well as for the special manual training department of our school, which you have already authorized me to develop.

We still keep up the extra meals served to the feeble patients in the morning and afternoon intervals between meals, and in many instances at bed time or in the night. A faithful, interested nurse can dispense a large amount of food, generally bread and butter, egg-nog, oatmeal gruel or plain milk, and do the greatest possible service.

The value of regular work to our patients is constantly meeting with proof. In many cases the short hours of service required are cheerfully given; but with some, whose minds are defective, and who look upon this as a place only for rest, amusement and abundant food, much difficulty is experienced. We persist patiently in trying to teach the lesson of industry, and the results are good. In some instances it is found unwise to urge the patient too much, for the reason that exertion of any kind is positively harmful, and after many careful tests we have to allow those cases to sink into inevitable dementia.

I consider that the work in the various departments has been carried on admirably. The heads of departments especially deserve commendation. If we can in some way provide so that our ward service will be more permanent, I shall feel well satisfied.

The pay of nurses is a subject for much consideration. We need high-minded persons, who are laboring for something more than a monthly stipend.

Our teaching tends to inculcate the right ideas and to protect as much as possible our difficult class of patients from ordinary misuse. An effort is made not only to free our service from actual abuse, but to avoid uncharitable acts, and to introduce a spirit of friendliness and forbearance among all who deal with these afflicted persons. We are often encouraged by appreciation, but, as a rule, have to persist in these efforts in the face of misunderstanding.

On any but the German basis of unpaid service, we cannot hope to reach the ideal without paying much better wages than conditions now allow. I cannot recommend the method to follow, but I know a pressing need exists in all our institutions.

On account of the lengthening of the course for the nurses to three years, no class graduated last year, but the annual nurses' night was held. The demonstration was a prominent part of the enjoyable evening. The programme is exhibited below : —

Several violin and piano selections.

Demonstration by the nurses : —

Preparation of special diet.

Administration of hypodermics.

Preparation of nurses for surgical operation.

Bed making (competitive).

Artificial respiration.

Gastric lavage.

Spica bandage to shoulder.

Sling to arm.

Provisional dressing to fractured leg.

Velpeau's bandage.

Bandage making.

Two addresses.

Refreshments.

The training school work for both men and women will be continued as formerly. On account of the short stay here of most men, we have to modify the teaching to meet the conditions ; but yet we believe in the usefulness of this training work for our men.

The work on the special appropriation of last year has been carried along as rapidly as possible. Each of the twenty items has had its appropriate share of attention, and shows satisfactory progress. I consider the new plan for the vegetable gardens and the hen house associated with the plant a most promising arrangement.

We can now occupy pleasantly at least 12 more men and boys in all weather, and they enjoy the situation, and are willing to be regular in their attendance upon this work. Very few of our patients have been trained manually, so that any special provision which enables us to give acceptable work has double advantages. I shall grasp every opening we have for such groups of workers, and constantly seek others.

It would be interesting to enumerate all the work done in each department, but this would take too much space, and I



therefore name only the main portions of special work, making no mention of the bulk of the routine work, which has of course occupied the most of the time of the several departments, with the purpose merely of making a written record for future reference.

Our buildings have been kept in excellent repair. The additions have been well adapted to our needs. The south reservoir has had some attention to keep up connection with the fountains. The large west reservoir has been thoroughly cleaned and the dam repaired. The ice pond dam has required much attention, but now is in permanent order.

The largest portion of such work, that represented by the additions to the greenhouse, moving buildings, repairing the barns, construction of storage cellar, etc., is not enlarged upon, as these have been enumerated under their appropriations.

*Farmer's Department.* — Getting out lumber to repair farm group barns. Cutting and delivering telephone and electric light poles. Moving slaughter house. Repairing highways near hospital grounds. Moving and repairing barns at farm cottage. Tearing down old stable and sheds at farm cottage. Tearing down swill house, shed, and tool house. Filling and grading old building sites. Setting two thousand trees. Removing wall around farm barns, and replacing same with a good, substantial board fence. Filling and grading around farm group No. 3. Putting in culvert catch-basins and drain-pipe. Building roads to farm groups Nos. 1 and 2, and to farm group No. 3 barns. Hauling gravel for roads and walks. Hauling stone for foundation at greenhouse and new storehouse. Hauling cement, sand and gravel for same. Hauling stone for walls at farm group. Finished clearing ice pond. Clearing reservoir. Hauling boundary stones around farm and setting same. Moving building at farm group No. 3. Finishing putting in sewer at farm group No. 3. Cutting and hauling posts for ladder shed. Moving boiler and furniture to farm group. Hauling Akron pipe and brick to farm group and greenhouse.

*Steward's Department.* — Double doors in men's and women's hospital kitchens. New elevators put in two buildings. New food cart. Kettles in kitchen building and women's hospital covered.

*Supervisor of Nurses (Women).* — Nurses' time changed; now have two afternoons off duty each week. Each new patient is vaccinated when admitted. Blood pressure taken by nurses on wards. Preliminary course continued. Teeth cleaned. Special treatment for 10 patients, consisting of electric and shower baths, gastric lavage, massage and special diet. New caps for nurses. Operating room fitted up with new table, instruments and stretcher. New receiving room for cleaning patients and disinfecting their clothing in basement of women's hospital. Nurses' room on Ward B used for patients.

*Marking Room.* — Fitting up treatment room. Fitting and moving into new storeroom. Fitting up dentist's room. Fitting up two receiving rooms. Fitting up farm group buildings.

*Supervisor of Nurses (Men).* — Electric cabinet bath at women's infirmary. Teeth cleaned and filled. Grading at farm group, G. cottage, nurses' home, M. cottage, men's infirmary cottage, women's infirmary, women's hospital, men's hospital. Catch-basins. Ditches dug. Laying pipe. Walks and roads made and repaired.

*Carpenter's Department.* — Fifty picture frames. Instrument case. Six report cabinets. Wagon body for farm. Wash trays for laundry. Clothes boxes for laundry. Sorting boards for laundry. Two soap tanks for laundry. Eighteen towel racks, farm group. Four sleds. Six hose houses. Five book cases. Food cart and shed. Refrigerator, administration building. Book case, administration building. Music rack. Window seat, nurses' home. Cabinet for clock, nurses' home. Forty-eight shoe boxes, Ward C. Fumigation rooms, Wards A and I. Stand and trellis, Ward A. Door in Ward A. Door in women's kitchen. Door in men's kitchen. Work at farm group No. 3. Work in new buildings, farm groups Nos. 2 and 3. Screens, nurses' home.

*Engineer's Department.* — Removed gas generator to new location, and changed pipe on same. Piped laboratory for gas, fitting same for three Bunsen burners. Wiring for electric lamps, farm group No. 2. Running telephone to farm group No. 1, and installing telephone. Telephone conduit from men's hospital to administration building. New stove pipe on chimney at office in horse barn. Telephone in greenhouse,



wires and telephone. Water motor at dispensary in operating room. Bath tub in receiving ward, men's hospital. Bath tub in receiving ward, women's hospital. Gauge board in power house, containing two steam gauges, one recording gauge, two water gauges and one back-pressure gauge. Erecting Harrisburg standard engine. Changing over seven hydrants on water system. Rewiring cow barn with armored conduit for electric light. Connecting stone trough at farm group No. 3 with water from main service. Electric lights, farm groups Nos. 1 and 3. Adding one new meter to meter battery, and putting in new inlets and outlets to meter chamber. New hydrant at greenhouse. Wiring power house for incandescent lamps. Piping toilet room and bathroom, hot and cold water in power house, and heating coils also in power house. Telephones and lines from receiving ward, men's hospital to nurse's room, Ward 1. Removed old piping that connected dynamo engine and old slow-speed engine; also changed over reducing pressure valve and by-pass on administration building circuit. Pipe rail around engine and generator. Twelve guard railings for lawns. Painting pipes and wall in power house. Wire grating for office in power house. Steam heating coil around laundry. Connecting mangle with steam and return. Wiring polisher in laundry.

*Stenographer.* — Completion of extension of letter file. Proofreading of reprint of all medical lectures written by the hospital staff.

*Gardener's Department.* — Moving the furnace. Setting out strawberry plants. Pulling beans. Digging ditches. Digging cellar for new greenhouse. Digging cellar for boiler room. Building hen house. Putting in catch-basin. Setting out trees at hospital. Mowing lawns. Setting out bulbs at hospital.

*Painter's Department.* — Greenhouse. Finishing new cases in dispensary. Men's building inside. Women's building inside. Bakery inside. Men's and women's kitchen inside. Finished painting first coat, women's infirmary, men's infirmary, men's infirmary cottage, M. cottage. Assembly hall. Kitchen building dining-room. New hen house. Administration building porch and cornice. About one hundred new

screens and doors. Porches, women's infirmary, men's infirmary, men's infirmary cottage, G. cottage. Carpenter's shop outside. Outside piggery. Fire escape, nurses' home. Farm group No. 3, house all through inside, cornice, and new porch outside. Primed horse barn outside and front of cow barn. Painting new room, farm group No. 2.

#### ARTICLES WRITTEN.

1. Six lectures (titles elsewhere).
2. Heart Lesions.
3. Report of the Treatment of Ten Cases of Epilepsy.
4. Report on the Hypochlorization Method of Treatment of Epilepsy.
5. Reflexes in Epilepsy.
6. Treatment of Status Epilepticus.
7. Myoclonus Epilepsy.
8. Lumbar Puncture in the Treatment of Status Epilepticus.
9. Report of Cases of Exhaustion Paralysis.
10. Chart for the Examination of Stomach Contents.
11. Chart for the Examination of Urine.
12. Lantern Slides, illustrating Fourteen Cases, from Infancy to Present Time.
13. Records of 1,200 Observations on Blood Pressure.
14. Record of Percentage of Cases caused by Head Injury.
15. Record of All Inmates as to Dressing, Feeding, Washing, Spasticity, Weakness of Limbs, Inco-ordination, etc.
16. Record of Age at which Attacks began in 900 Cases.

#### AUTOPSIES AND FINDINGS.

*Case No. 41.* — Male. Autopsy Jan. 11, 1904. Dura mater adherent and thickened over vertex and at base; pia moderately congested and somewhat thickened; small amount of serum in pia; heart much dilated; mitral valves thickened and edges curled; old adhesions over lower part of both lungs.

*Case No. 825.* — Male. Autopsy Jan. 26, 1904. Dura rough, thickened, and adherent over frontal region; pia moderately congested, thick; lungs edema and emphysematous patches; scar in left apex; heart organized clot in aorta and pulmonary artery; heart dilated; numerous calcareous plates and atheromatous patches in the aorta.

*Case No. 474.* — Male. Autopsy May 18, 1904. Dura mater adherent in the vicinity of the base; patches of atheroma in the



arteries at the base of the brain ; great extravasation of blood on the posterior inferior surface of the cerebellum ; large hemorrhage in the centre of the cerebellum, and all the ventricles contained clots of blood ; left pleural cavity entirely obliterated by adhesion.

*Case No. 563.* — Female. Autopsy May 6, 1904. Edema of brain ; cystic tumor of left frontal lobe.

*Case No. 823.* — Female. Autopsy Nov. 19, 1903. Adherent dura ; edema of arachnoid and pia ; sclerosis of the circle of Willis.

*Case No. 443.* — Female. Autopsy July 21, 1904. No pathological changes found.

*Case No. 699.* — Female. Autopsy May 2, 1904. Adherent dura ; tubercular left lung ; sclerosis of coronary arteries.

#### PATHOLOGICAL MATERIAL COLLECTED.

Brain, cystic tumor, left frontal lobe.

Cord, amyotrophic lateral sclerosis.

Four brains.

Heart.

Brain, cerebellar hemorrhage.

Cord, sclerosis.

Kidneys, fatty.

Heart, acute dilatation.

Arteries, atheroma and calcareous plates.

One fibro-cystic tumor.

One purulent appendix.

#### OPERATIONS.

Amputation of three fingers ; results good.

Two circumcisions ; results good.

Perineorrhaphy ; results fair.

Perineorrhaphy ; results good.

Two appendectomies ; results good.

Removal of ovarian fibro-cystic tumor ; results good.

Two double ovariectomies ; results good.

Eight lumbar punctures ; results varied.

A very large number of minor dressings.

#### *Clergymen who have held Services here.*

Rev. Charles Olmstead.

Rev. N. M. Pratt.

Rev. Willis A. Moore.

Rev. Fr. Carey.

Rev. Dr. J. S. Lemon.

Rev. M. Oakman Patton.

Rev. C. N. Williams.

Rev. Frederick F. Johnson.

Bishop Vinton.

*Medical Lectures.*

DATE.	NAME.	Subject.
<b>1904.</b>		
Jan. 16, .	Dr. A. C. Getchell, .	Treatment of tuberculosis.
Jan. 23, .	Dr. A. O. Morton, .	The heart.
Jan. 30, .	Dr. M. B. Hodskins, .	The kidneys.
Feb. 6, .	Dr. R. A. Greene, .	The stomach.
Feb. 12, .	Dr. T. S. Bacon, .	Eruptive fevers.
Feb. 16, .	Dr. J. N. Fairing, .	Theory of wounds, modes of healing and complications.
Feb. 26, .	Dr. A. O. Morton, .	Bronchitis.
March 3, .	Dr. L. C. Miller, .	Modified milk.
March 12, .	Dr. R. A. Greene, .	Appendicitis, nephrolithiasis and cholelithiasis.
March 19, .	Dr. M. B. Hodskins, .	Bacteria.
March 26, .	Dr. S. O. Miller, .	Fractures.
March 31, .	Dr. S. B. Keith, .	Teeth.
April 9, .	Dr. J. P. Schneider, .	Typhoid fever.
April 12, .	Dr. T. S. Bacon, .	Surgical nursing.
April 25, .	Dr. G. A. Moore, .	Colds.
May 10, .	Dr. Herbert C. Emerson,	Bacteriology.

*Gifts.*

NAME.	RESIDENCE.	Gift.
Eastern Hampden Agricultural Society, .	Palmer, . .	Admission of patients to fair.
Miss Idella L. Holbrook, . . . . .	Palmer, . . .	Books and magazines.
Mrs. Burr, . . . . .	Monson, . . .	Magazines and papers.
Mrs. Harriet E. Bradley, . . . . .	Brooklyn, N. Y.,	Books and papers.
Mrs. A. E. Richardson, . . . . .	West Roxbury,	Neckties.
Dr. Perlin N. Soule, . . . . .	Monson, . . .	Dental services.
Dr. Silas B. Keith, . . . . .	Palmer, . . .	Dental services.
Rev. Fr. N. H. Hart, . . . . .	Palmer, . . .	Catechisms.
Bishop Vinton, . . . . .	Springfield, .	Services.
Mrs. Mabel W. Stedman, . . . . .	Brookline, . .	Worsted.
Mr. Herbert C. Thresher, . . . . .	Stafford, Conn.,	Photograph.
A friend, . . . . .	Palmer, . . .	Magazines.
Dwinell-Wright Co., . . . . .	Boston, . . .	Magazines.
Central Massachusetts Electric Com- pany, . . . . .	Palmer, . . .	Admission of patients to theatre at Forest Lake, on various oc- casions.
Mrs. Henriette Cushing, . . . . .	Boston, . . .	Cash, \$4, spectacles.

*Table showing Patients employed, and in what Way.*

	Males.	Females.
Industrial building, . . . . .	17	—
Administration building, . . . . .	—	3
Employees' cottage, . . . . .	2	5
Nurses' home, . . . . .	—	2
Sewing rooms, . . . . .	—	50
Laboratory, . . . . .	1	—
Dining rooms, . . . . .	3	8
Kitchens, . . . . .	12	39
Laundry, . . . . .	10	42
Stable, . . . . .	3	—
Ward work, . . . . .	60	26
Grading, . . . . .	70	—
Teaching, . . . . .	—	1
Music practice for assemblies, . . . . .	1	1
With yard man, . . . . .	4	—
Painting, . . . . .	4	—
On roads, . . . . .	2	—
Weaving, . . . . .	1	1
Mason, . . . . .	2	—
Carpenter, . . . . .	2	—
Boiler house, . . . . .	3	—
Bakery, . . . . .	4	—
Store, . . . . .	2	—
Clerical, . . . . .	2	—
Farm : —		
Such work as apple picking, barn, vegetable garden, clearing land, cutting brush, ditching, teaming, tending sheep, tending cows, milking, with gar- dener.	17	—
Totals, . . . . .	222	178

**AMUSEMENTS.**

Dances, 44; masquerade, 1; readings and impersonations, 7; illustrated lectures, 2; lectures, 2; sessions of dancing school, 29; entertainments, legerdemain, 3; entertainment, crayon drawings, 1; entertainment, local talent, 1; musicales, 2; phonograph concerts, 2; excursions to Forest Lake, 32; excursions to fair, 4; excursion to circus, 1; excursion to ball game, 1; picnics, 4; car rides, 10; sleigh rides, 10; carriage rides, 59.

Respectfully submitted,

EVERETT FLOOD,

*Superintendent.*



## ARTICLES MADE IN THE SEWING ROOM.

Sheets made, . . . .	736	Neckties made, . . . .	24
Pillow cases made, . .	675	Garters made, pairs, . .	239
Bed ticks made, . . . .	69	Aprons made, . . . .	174
Pillow ticks made, . . .	15	Night dresses made, . . .	6
Rubber pillow covers made,	31	Bathing caps made, . . .	8
Table cloths made, . . .	81	Splashers made, . . . .	3
Napkins made, . . . .	309	Screens covered, . . . .	4
Doilies made, . . . .	18	Mangle aprons made, . . .	16
Tray cloths made, . . .	32	Chemises made, . . . .	7
Curtains made, . . . .	49	Petticoat made, . . . .	1
Sash curtains made, pairs, .	26	Santa Claus suit made, . .	1
Curtains for bookcases made,		Piano cover made, . . . .	1
pairs, . . . . .	7	Holders made, . . . .	5
Curtains for register made, .	8	Strainers made, . . . .	6
Bureau covers made, . . .	38	Blankets hemmed, . . . .	16
Towels made, . . . .	1,896	Covers for dentist's chairs,	
Towels, double roller, made,	148	sets, . . . . .	7
Towels, single roller, made,	524	Canvas wagon cover made, .	1
Clothes bags made, . . .	99	Cushion for window seat, .	1
Mail bags made, . . . .	3	Cushion cover for window	
Tea and coffee bags made, .	25	seat, . . . . .	1
Rugs made, . . . .	98	Trousers shortened, pairs, .	62
Sofa pillows made, . . .	1	Sleeves shortened, pairs, .	7
Dusters made, . . . .	31	Sleeves lengthened, pairs, .	12
Floor swabs made, . . .	35	Bed ticks cut, . . . .	60
Portieres made, pairs, . .	2	Chemises cut, . . . .	7
Coats made, . . . .	3	Night dresses cut, . . . .	6
Shirts made, . . . .	138	Drawers cut, pairs, . . .	96
Undershirts made, . . .	60	Under shirts cut, . . . .	82
Nightshirts made, . . .	177	Shirts cut, . . . .	175
Drawers made, pairs, . . .	72	Coats cut, . . . .	3
Denim socks made, pairs, .	6	Night shirts cut, . . . .	184
Suspenders made, pairs, .	107		

## ARTICLES MADE AND REPAIRED IN THE WARDS.

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Aprons made, . . . . .	225	Dressing sacks made, . . . . .	6
Chemises made, . . . . .	110	Aprons mended, . . . . .	143
Corset covers made, . . . . .	176	Coats mended, . . . . .	3
Drawers made, pairs, . . . . .	53	Chemises mended, . . . . .	30
Dresses made, . . . . .	194	Corset covers mended, . . . . .	124
Night dresses made, . . . . .	110	Drawers mended, pairs, . . . . .	276
Petticoats made, . . . . .	75	Dresses mended, . . . . .	326
Shirt waists made, . . . . .	35	Hoods mended, . . . . .	16
Bandages, T, made, . . . . .	12	Mittens mended, pairs, . . . . .	2
Clothes bags made, . . . . .	18	Night dresses mended, . . . . .	317
Curtains made, . . . . .	2	Petticoats mended, . . . . .	249
Dusters made, . . . . .	100	Undervests mended, . . . . .	247
Floor swabs made, . . . . .	83	Stockings mended, pairs, . . . . .	3,492
Holder made, . . . . .	61	Trousers mended, pairs, . . . . .	1
Towels made, . . . . .	344	Blankets mended, . . . . .	14
Arm slings made, . . . . .	2	Towels mended, . . . . .	450
Napkins made, . . . . .	68	Dress skirt mended, . . . . .	1
Draw sheets made, . . . . .	4	Pillow cases mended, . . . . .	135
Sofa pillows made, . . . . .	4	Sheets mended, . . . . .	10
Mattress covers made, . . . . .	11	Arm slings mended, . . . . .	5
Camisole made, . . . . .	1	Pieces mended, . . . . .	2,197
Surgical garments made, . . . . .	13		

## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOMS.

Shoes made, pairs, . . .	237	Weekly paper printed, copies, . . .	2,400
Slippers made, pairs, . . .	195	Blanks printed, . . .	79,160
Brooms made, . . .	52	Pamphlets printed, . . .	3,275
Rope rugs made, . . .	35	Hair picked, pounds, . . .	2,800
Mattress covers made, . . .	38	Tin name holders made, . . .	39
Camp stools made, . . .	55	Shoes mended, pairs, . . .	846
Cribbage board made, . . .	1	Shoes marked, pairs, . . .	94
Pill envelopes made, . . .	9,700	Suspenders repaired, pairs, . . .	7
Screens made, . . .	3	Umbrellas repaired, . . .	84
Flower stand made, . . .	1	Blankets eyeletted, . . .	6
Report board made, . . .	1	Harnesses repaired, . . .	49
Dirt boxes made, . . .	2	Horse blanket repaired, . . .	1
Small boxes made, . . .	18	Pillows renovated, . . .	1,029
Rat trap made, . . .	1	Chairs repaired, . . .	6
Rustic benches made, . . .	11	Chairs reseatd, . . .	35
Wooden head marks carved, . . .	3	Baskets repaired, . . .	19
Wooden door plates carved, . . .	3	Step-ladders repaired, . . .	2
Wooden numbers carved, . . .	40	Screens repaired, . . .	57
Picture frames made, . . .	2	Stools repaired, . . .	3
Blackboard erasers made, . . .	10	Rugs repaired, . . .	7
Hammer handles made, . . .	40	Whip repaired, . . .	1
Pillows made, . . .	36	Straight jacket repaired, . . .	1
Petticoats made, . . .	24	Belt repaired, . . .	1
Aprons made, . . .	22	Muzzle baskets repaired, . . .	2
Night dresses made, . . .	25	Barber chair repaired, . . .	1
Chemises made, . . .	3	Clothespress repaired, . . .	1
Coats made, . . .	149	Mattresses repaired, . . .	2
Vests made, . . .	87	Medicine closet repaired, . . .	1
Trousers made, pairs, . . .	146	Towel rack repaired, . . .	1
Overalls made, pairs, . . .	100	Chair cushion repaired, . . .	1
Jumpers made, . . .	10	Rocking-horse repaired, . . .	1
Towels made, . . .	1,345	Boxes covered for office, . . .	102
Bandages made, . . .	68	Base balls repaired, . . .	2
Oven cloths made, . . .	24	Base ball jacket repaired, . . .	1
Dish towels made, . . .	180	Suit case repaired, . . .	1
Swab cloths made, . . .	169	Cushion patterns marked, . . .	5
Dusters made, . . .	51	Pieces mended, . . .	7,550

## FARM PRODUCTS

FROM OCT. 1, 1903, TO OCT. 1, 1904.

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Milk, 203,450 quarts, . . . . .	\$10,172 50
Eggs, 117 $\frac{1}{4}$ dozen, . . . . .	29 31
Hay, 233 tons, . . . . .	4,194 00
Meadow hay, 30 tons, . . . . .	300 00
Rowen hay, 36 tons, . . . . .	432 00
Rye straw, 2 tons, . . . . .	40 00
Ensilage, 300 tons, . . . . .	900 00
Green fodder, 103 tons, . . . . .	309 00
Rhubarb, 3,854 pounds, . . . . .	154 16
Strawberries, 335 quarts, . . . . .	40 20
Currants, 283 quarts, . . . . .	28 30
Lettuce, 2,900 heads, . . . . .	58 00
Green peas, 78 bushels, . . . . .	97 50
Radishes, 5 bushels, . . . . .	10 00
Cucumbers, 4,816, . . . . .	96 32
Cucumbers for pickles, 2 $\frac{3}{4}$ bushels, . . . . .	4 12
Sweet corn, 11,275 ears, . . . . .	112 75
Tomatoes, ripe, 82 $\frac{1}{2}$ bushels, . . . . .	82 50
Tomatoes, green, 22 bushels, . . . . .	11 00
Pears, 13 bushels, . . . . .	13 00
Crab apples, 15 bushels, . . . . .	15 00
Apples, 1,000 barrels, . . . . .	1,000 00
Cider apples, 1,500 bushels, . . . . .	120 00
Summer squash, 2,900 pounds, . . . . .	72 50
Winter squash, 4 tons, . . . . .	80 00
Beans, 116 $\frac{1}{2}$ bushels, . . . . .	124 00
Pumpkins, 7 loads, . . . . .	21 00
Horse radish, 5 bushels, . . . . .	4 00
Peppers, 1 bushel, . . . . .	1 00
Potatoes, 1,500 bushels, . . . . .	900 00
Cabbage, 10 tons, . . . . .	200 00
Turnips, 150 bushels, . . . . .	60 00
Beets, 350 bushels, . . . . .	180 00
Carrots, 600 bushels, . . . . .	300 00
Onions, 385 bushels, . . . . .	288 75

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*Amount carried forward,* . . . . . \$20,450 91



<i>Amount brought forward,</i>	\$20,450 91
Broom corn,	12 00
Blackberries, 50 quarts,	5 00
Parsnips, 750 bushels,	562 50
Grapes, 200 pounds,	6 00
Plums, 3 bushels,	4 50
Greens, 59½ bushels,	29 75
Rye, 40 bushels,	24 00
Wool, 304 pounds,	60 80
Pork, 4,488 pounds,	314 16
Unrendered lard, 82½ pounds,	5 77
Beef, 483 pounds,	33 81
Fowl, 65 pounds,	9 10
Chicken, 49½ pounds,	7 92
Duck, 23½ pounds,	2 62
Lamb, 1,463½ pounds,	198 24
Veal, 794½ pounds,	86 21
Pigs sold, 62,	162 00
Calves sold, 25,	87 00
Cabbage sold, 31 pounds,	31
Cabbage plants sold, 1,000,	1 50
Beets sold, ½ bushel,	30
Carrots sold, 1 bushel,	1 00
Squash sold, 40 pounds,	40
Wool sold, 804 pounds,	160 80
Vegetables from greenhouse: —	
Beans, 10½ bushels,	10 50
Squashes, 2,	20
Lettuce, 435 heads,	8 70
Spinach, 1 bushel,	1 00
Cucumbers, 1,634,	81 70
Onions, 1 bushel,	75
Turnips, 21 bushels,	8 40
Carrots, 1½ bushels,	75
Tomatoes, 7 bushels,	7 00
Cucumbers for pickles, 5 bushels,	7 50
Peas, 3 bushels,	3 75
Radishes, 3 bushels,	6 00
Corn, 353 ears,	3 50
Grapes, 1 peck,	25
Peppers, ½ bushel,	50
Pumpkins, 4,	20
Celery, 374 heads,	37 34
Strawberries, 68 quarts,	8 16
Eggs, 26½ dozen,	15 62
Cabbage, 19 bushels,	9 50

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 \$22,437 92

## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

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Superintendent, per year, . . . . .	\$3,000 00
Assistant physicians (2), per year, . . . . .	1,200 00
Assistant physician, per year, . . . . .	800 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	600 00
Stenographer, per month, . . . . .	30 00
Office assistant, per month, . . . . .	16 00
Steward, per year, . . . . .	1,000 00
Drug clerk, per month, . . . . .	25 00
Supervisor (woman), per month, . . . . .	28 00
Assistant supervisor (woman), per month, . . . . .	26 00
Supervisor (man), per month, . . . . .	37 00
Night nurses (women, 5), per month, . . . . .	\$14 00-18 00
Nurses (women, 18), per month, . . . . .	. 16 00-22 00
Night nurses (men, 6), per month, . . . . .	. 20 00-25 00
Nurses (men, 22), per month, . . . . .	. 20 00-30 00
Engineer, per year, . . . . .	1,000 00
Assistant engineer, per month, . . . . .	50 00
Helper, per month, . . . . .	35 00
Firemen (4), per year, . . . . .	\$25 00-28 00
Baker, per month, . . . . .	46 00
Kitchen man, per month, . . . . .	23 00
Store assistant, per month, . . . . .	30 00
Handy man, per month, . . . . .	34 00
Cooks (5), per month, . . . . .	\$16 00-30 00
Assistant cooks (5), per month, . . . . .	. 14 00-18 00
Table girls (4), per month, . . . . .	. 14 00-18 00
Foreman industrial room, per month, . . . . .	45 00
Seamstress, per month, . . . . .	30 00

Assistant seamstresses (3), per month, . . . . .	\$14 00-20 00
Laundress, per month, . . . . .	22 00
Laundryman, per month, . . . . .	30 00
Assistant laundresses (5), per month, . . . . .	\$14 00-18 00
Farmer, per year, . . . . .	1,000 00
Assistant farmers (11), per month, . . . . .	\$20 00-30 00
Assistant farmer, without board, per month, . . . . .	50 00
Gardener, per month, . . . . .	27 00
Assistant gardener, per month, . . . . .	23 00
Driver, per month, . . . . .	35 00
Head carpenter, per day, . . . . .	2 75
Assistant carpenters (3), per day, . . . . .	2 50
Painter, per day, . . . . .	2 00

## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital are as follows : —

1. The regular insane commitment, such as is used at the insane hospitals.

2. The sane indigent ; in this case the approval of a judge is required, in addition to the physicians' certificates and the notification of the town authorities.

3. The sane private, in which two sureties are required to sign the patient's application.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood, and can be complied with easily.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany Railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London northern division of the Central Vermont. The Ware River branch of the Boston & Albany Railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.90.



## TREASURER'S REPORT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The report of the finances of this hospital for the year ending Sept. 30, 1904, is respectfully submitted herewith.

### ASSETS.

#### Real estate : —

Cultivated land, 113 acres, . . . . .	\$17,311 00
Woodland, 21 acres, . . . . .	1,465 00
Pasturage, 104 acres, . . . . .	4,487 00
Farm (under appropriation 1901), viz. : —	
Cultivated land, 40 acres, . . . . .	1,600 00
Woodland, 50 acres, . . . . .	1,100 00
Pasturage, 30 acres, . . . . .	300 00
Farm (under appropriation 1903), viz. : —	
Cultivated land, 50 acres, . . . . .	933 51
Woodland, 190 acres, . . . . .	2,850 00
Pasturage, 60 acres, . . . . .	900 00
Water and sewerage systems, . . . . .	37,638 63
Outside electric lighting (farm group), . . . . .	800 00
Quarry, . . . . .	450 00

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\$69,835 14

#### Buildings : —

Original buildings, . . . . .	\$38,520 00
Buildings (under appropriation 1895), . . . . .	84,400 00
Buildings (under appropriation 1899), . . . . .	86,200 00
Nurses' home, } (under appropriation 1902),	26,300 00
Electric building, }	
Boiler house (under appropriation 1900), . . . . .	4,600 00
Laundry (under appropriation 1901), . . . . .	9,500 00
Greenhouse, . . . . .	2,100 00
Farm group (under appropriation 1903), viz. : —	
Nos. 1 and 2, . . . . .	27,212 52
No. 3, . . . . .	6,248 38
Barns, . . . . .	2,827 97
Farm cottage (under appropriation 1901), . . . . .	700 00

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288,608 87

*Amount carried forward, . . . . .* \$358,444 01

*Amount brought forward,* . . . . . \$358,444 01

Personal estate:—

Live stock on the farm, . . . . .	\$9,192 00	
Produce of the farm on hand, . . . . .	10,405 02	
Carriages and agricultural implements, . . . . .	4,037 00	
Machinery and mechanical fixtures, . . . . .	44,548 11	
Beds and bedding in inmates' department, . . . . .	11,403 68	
Other furniture in inmates' department, . . . . .	17,897 08	
Personal property of State in administration building, . . . . .	6,481 21	
Personal property of State in employees' cottage, . . . . .	1,518 05	
Personal property of State in nurses' home, . . . . .	3,162 18	
Personal property of State in farm group No. 3, . . . . .	582 36	
Personal property of State in greenhouse, . . . . .	1,057 08	
Ready-made clothing, . . . . .	1,875 86	
Dry goods, . . . . .	3,720 55	
Provisions and groceries, . . . . .	1,514 84	
Drugs and medicines, . . . . .	2,306 68	
Instruments and laboratory fittings, . . . . .	1,893 42	
Fuel, . . . . .	13,210 95	
Library, . . . . .	650 00	
Other supplies undistributed, . . . . .	6,002 83	
		141,458 90
		<u>\$499,902 91</u>

RECEIPTS.

Cash on hand Oct. 1, 1903, . . . . .		\$5,460 27
Received from State on special appropriations:—		
Laundry building and machinery, 1901, . . . . .	\$23 06	
Furnishing new buildings, 1901, . . . . .	108 27	
Electric building and machinery, 1902, . . . . .	1,015 56	
Nurses' home, 1902, . . . . .	1,228 46	
Repairs and alterations old buildings, 1903, . . . . .	2,184 70	
Water, sewerage and outside lighting, 1903, . . . . .	5,084 92	
New buildings, 1903, . . . . .	29,973 64	
Repairs and improvements, 1904, . . . . .	4,038 51	
Total from appropriations, . . . . .		43,657 12
Received from State for maintenance, . . . . .	\$107,565 05	
Received from towns for support of patients, . . . . .	38,015 63	
Received from individuals for support of patients, . . . . .	5,704 69	
Received from soldiers' relief for support of patients, . . . . .	255 34	
Received from reimbursements for support of patients, . . . . .	338 01	
Received from interest on bank deposit, . . . . .	144 52	
		<u>\$49,117 39</u>
<i>Amounts carried forward,</i> . . . . .	\$152,023 24	\$49,117 39

<i>Amounts brought forward,</i>	\$152,023 24	\$49,117 39
Received from farm and farm products,	412 07	
Received from store,	711 84	
Received from rent,	66 50	
Received from barrels, junk and sundries,	165 16	
Received from account expenses patients,	63 66	
		153,442 47
Total receipts,		\$202,559 86

## EXPENDITURES.

Salaries, wages and labor,			\$40,200 55
Food:—			
Butter,		\$3,134 77	
Butterine,		28 00	
Beans,		30 82	
Bread and crackers,		269 53	
Cereals, rice, meal, etc.,		620 73	
Cheese,		45 91	
Eggs,		1,298 72	
Flour,		3,545 35	
Fish,		844 92	
Dried and fresh fruit,		902 56	
Meats,		4,533 61	
Milk,		24 01	
Molasses and syrup,		583 61	
Sugar,		1,003 08	
Tea, coffee, broma and cocoa,		278 82	
Vegetables,		1,438 84	
Sundries,		640 00	
			19,223 28
Clothing and clothing material:—			
Boots, shoes and rubbers,		\$121 96	
Clothing,		621 96	
Dry goods for clothing and small wares,		1,027 39	
Hats and caps,		24 25	
Leather and shoe findings,		489 74	
Sundries,		58	
			2,285 88
Furnishings:—			
Beds, bedding, table linen, etc.,		\$1,236 38	
Brushes, brooms, etc.,		118 05	
Carpets, rugs, etc.,		216 97	
Crockery, glassware, cutlery, etc.,		377 67	
Furniture and upholstery,		191 21	
Kitchen furnishings,		302 44	
Amounts carried forward,		\$2,442 72	\$61,709 71

<i>Amounts brought forward,</i>	\$2,442 72	\$61,709 71
Woodenware, buckets, pails, etc ,	44 52	
Sundries, . . . . .	119 85	
		2,607 09
Heat, light and power : —		
Coal, . . . . .	\$13,366 94	
Electricity, . . . . .	518 14	
Gas, . . . . .	258 34	
Oil, . . . . .	142 31	
		14,285 73
Repairs and improvements : —		
Brick, . . . . .	\$145 50	
Cement, lime and plaster, . . . . .	426 97	
Doors, sashes, etc., . . . . .	158 07	
Electrical work and supplies, . . . . .	480 35	
Hardware, . . . . .	581 43	
Lumber, . . . . .	2,129 80	
Machinery, etc., . . . . .	450 40	
Paints, oil, glass, etc., . . . . .	1,088 86	
Plumbing, steam fitting and supplies, . . . . .	3,328 64	
Roofing and materials, . . . . .	5 06	
Mechanics and laborers (not on pay roll), . . . . .	944 97	
Boiler, . . . . .	654 00	
Sundries, . . . . .	190 64	
		10,584 69
Farm, stable and grounds : —		
Blacksmith and supplies, . . . . .	\$348 12	
Carriages, wagons and repairs, . . . . .	276 85	
Fertilizers, vines, seeds, etc., . . . . .	540 10	
Hay, grain, etc., . . . . .	3,613 02	
Harness and repairs, . . . . .	235 85	
Horses, . . . . .	790 00	
Cows, . . . . .	710 00	
Other live stock, . . . . .	192 50	
Labor (not on pay roll), . . . . .	281 42	
Rent, . . . . .	25 00	
Tools, farm machines, etc., . . . . .	447 42	
Sundries, . . . . .	152 03	
		7,612 31
Miscellaneous : —		
Books, periodicals, etc., . . . . .	\$340 49	
Chapel services and entertainments, . . . . .	701 69	
Freight, expressage and transportation, . . . . .	1,437 02	
Funeral expenses, . . . . .	61 00	
Hose, etc., . . . . .	656 20	
Labor (not on pay roll), . . . . .	431 98	
Medicines and hospital supplies, . . . . .	2,587 29	
<i>Amounts carried forward, . . . . .</i>	\$6,215 67	\$96,799 53



<i>Amounts brought forward,</i> . . . . .	\$6,215 67	\$96,799 53
Medical attendance, nurses, etc. (extra), . . . . .	35 00	
Postage, . . . . .	267 59	
Printing and printing supplies, . . . . .	79 18	
Return of runaways, . . . . .	32 63	
Soap and laundry supplies, . . . . .	836 81	
Stationery and office supplies, . . . . .	314 93	
Travel and expenses (officials), . . . . .	597 03	
Telephone and telegraph, . . . . .	415 54	
Tobacco, . . . . .	355 58	
Water, . . . . .	782 28	
Printing annual report, . . . . .	181 24	
Sundries, . . . . .	652 04	
		10,765 52
Total expenses for maintenance, . . . . .		\$107,565 05
Other expenses on special appropriations, . . . . .		43,657 12
Paid State Treasurer, . . . . .		48,020 70
Total expenditures, . . . . .		\$199,242 87
Cash on hand Sept. 30, 1904, . . . . .		3,316 99
		\$202,559 86

## RESOURCES.

Cash on hand, . . . . .	\$3,316 99
Balance for maintenance with State Treasurer, . . . . .	28,316 29
Bills receivable for board, . . . . .	9,528 28
Other bills receivable, . . . . .	11 50
Unexpended special appropriations, . . . . .	6,777 18
Patients' funds on deposit, . . . . .	537 23
Nurses' training school fund, . . . . .	18 31
Expenses account of patients, . . . . .	19 58
	\$48,525 36

## LIABILITIES.

Salaries unpaid, . . . . .	\$3,195 25
Miscellaneous bills unpaid, . . . . .	4,498 87
Patients' funds, . . . . .	537 23
Nurses' training school fund, . . . . .	18 31
	8,249 66
	\$40,275 70

Dividing the total expenditures for maintenance (\$107,565.05)

by the average number of patients (450.04), shows an annual cost per patient of . . . . .

\$239 01

Equivalent to an average weekly cost of . . . . .

4 57

*Statement of Appropriations.*

	Amount.	Expended previously.	Expended this Year.	Balance Available.
Laundry building and machinery, . . .	\$9,500 00	\$9,476 94	\$23 06	-
Furnishing new buildings, . . . . .	20,000 00	19,891 73	108 27	-
Nurses' home, . . . . .	20,000 00	18,747 74	1,228 46	\$23 80
Electric building and machinery, . . .	19,000 00	17,984 44	1,015 56	-
Repairs, alterations and furnishings, . .	4,000 00	1,799 23	2,184 70	16 07
New buildings and furnishing, . . . .	30,000 00	24 91	29,973 64	1 45
Water, sewage and outside lighting, . .	6,000 00	140 71	5,084 92	774 37
Repairs and improvements, . . . . .	9,640 00	-	3,678 51	5,961 49
Purchase of land, . . . . .	250 00	-	250 00	-
Taxes, . . . . .	110 00	-	110 00	-
	\$118,500 00	\$68,065 70	\$43,657 12	\$6,777 18

CHAS. B. FISKE,

*Treasurer.*

Nov. 5, 1904.

I have compared the treasurer's statement of receipts and disbursements for the year ending Sept. 30, 1904, with the books kept at the institution, and find them to agree. Receipts for board, care, etc., to the amount of \$48,020.70 have been turned in to the State Treasurer, for which his vouchers are on file. The cash account is correctly cast, and shows a balance in the hands of the treasurer as follows:—

September receipts for board, care, etc., . . . . .	\$661 16
Former receipts to be accounted for, . . . . .	2,655 83
Money belonging to patients, . . . . .	537 23
Nurses' training school fund, . . . . .	18 31

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 \$3,872 53

Deposited in Palmer National Bank, . . . . .	\$1,917 51
Cash vouchers not entered, . . . . .	1,902 44
Cash in safe at hospital, . . . . .	52 58

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 \$3,872 53

GEO. L. CLARK,

*Auditor of Accounts.*

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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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# 1.—General Statistics for the Year.

	INSANE.			SANE.			TOTAL.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1903,	119	119	238	95	89	184	214	208	422
Admitted within the year,	31	19	50	63	35	98	94	54	148
Viz.: by commitment,	17	10	27	59	35	94	76	45	121
by transfer,	4	5	9	-	-	-	4	5	9
by change of status,	8	4	12	-	-	-	8	4	12
from escape,	-	-	-	1	-	1	1	-	1
from visit,	2	-	2	3	-	3	5	-	5
Whole number of cases within the year,	150	138	288	158	124	282	308	262	570
Dismissed within the year,	23	7	30	48	33	81	71	40	111
Discharged,	6	2	8	27	17	44	33	19	52
as much improved,	3	-	3	8	-	8	11	-	11
as not improved,	3	2	5	9	13	22	15	15	27
as not improved,	-	-	-	10	4	14	10	4	14
by change of status,	-	-	-	8	4	12	8	4	12
Died,	9	4	13	3	9	12	12	13	25
Transferred,	2	-	2	-	2	2	2	2	4
Escaped,	2	-	2	3	-	3	5	-	5
On visit,	4	1	5	7	1	8	11	2	13
Patients remaining Sept. 30, 1904,	127	131	258	110	91	201	237	222	459
Viz.: State patients,	124	127	251	31	23	54	155	150	305
town patients,	-	-	-	65	63	128	65	63	128
private patients,	3	4	7	14	5	19	17	26	43
Number of different persons within the year,	142	134	276	158	124	282	297	258	555*
Number of different persons admitted,	21	15	36	59	35	94	77	50	127
Daily average number of patients,	127.48	123.94	251.42	106.27	92.35	198.62	233.75	216.29	450.04
Viz.: State patients,	100.74	97.90	198.64	25.27	15.76	41.03	126.01	113.66	239.67
town patients,	24.76	22.04	46.80	67.07	71.53	138.62	91.83	83.59	175.42
private patients,	1.98	4.00	5.98	13.93	5.04	18.97	15.91	9.04	24.95

\* Three males admitted as sane and readmitted as insane within the year.

2. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	13	9	22	51	31	82	64	40	104
Second, . . . . .	6	4	10	6	4	10	12	8	20
Third, . . . . .	2	1	3	1	—	1	3	1	4
Fourth, . . . . .	—	1	1	1	—	1	1	1	2
Total cases, . . . . .	21	15	36	59	35	94	80	50	130
Total persons, . . . . .	21	15	36	56	35	91	77	50	127
First admitted to any hospital,	7	4	11	48	30	78	55	34	89

3. — *Nativity and Parentage of Persons first admitted to Any Hospital.*

	INSANE.						SANE.						TOTALS.					
	MALES.			FEMALES.			MALES.			FEMALES.			MALES.			FEMALES.		
	PATIENTS.		Mothers.	PATIENTS.		Mothers.	PATIENTS.		Mothers.	PATIENTS.		Mothers.	PATIENTS.		Mothers.	PATIENTS.		Mothers.
	Fathers.	Mothers.		Fathers.	Mothers.		Fathers.	Mothers.		Fathers.	Mothers.		Fathers.	Mothers.		Fathers.	Mothers.	
Massachusetts, . . . . .	4	1	2	1	1	3	35	13	11	23	5	10	58	18	21	39	14	13
Other New England States, . . . . .	-	1	-	2	1	3	4	6	5	1	2	3	6	8	8	4	7	5
Other States, . . . . .	-	-	-	-	1	1	1	-	4	2	2	2	8	2	6	1	-	4
Total native, . . . . .	4	2	2	3	3	5	40	19	20	26	9	15	66	28	35	44	21	22
Other countries:—																		
Canada, . . . . .	-	2	2	-	-	-	1	2	1	1	-	-	1	2	1	1	2	1
England, . . . . .	-	-	-	-	-	-	3	1	1	1	4	1	4	5	2	5	3	3
Germany, . . . . .	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-
Ireland, . . . . .	-	-	2	-	-	2	1	16	17	-	7	6	1	23	23	-	17	19
New Brunswick, . . . . .	-	-	-	1	1	1	1	-	1	-	-	-	1	-	-	1	-	-
Newfoundland, . . . . .	-	-	-	-	-	-	1	-	1	2	5	4	3	8	1	1	3	2
Nova Scotia, . . . . .	-	-	-	-	-	-	1	3	2	-	1	1	1	6	1	1	2	-
Pico Island off Portugal, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Poland, . . . . .	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	1	1	1
Prince Edward Island, . . . . .	-	1	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-
Russia, . . . . .	-	-	-	-	-	-	1	1	1	-	1	2	1	1	1	1	1	1
Scotland, . . . . .	1	1	1	-	-	1	-	-	-	-	2	1	1	2	1	1	1	1
Sweden, . . . . .	-	-	-	-	-	-	-	1	-	1	1	-	1	1	1	1	1	-
Switzerland, . . . . .	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-	-
Total foreign, . . . . .	3	5	5	1	1	1	8	26	25	4	21	15	12	47	40	11	31	30
Unknown, . . . . .	-	-	-	-	-	-	-	3	3	-	-	-	-	3	8	-	3	3
Totals, . . . . .	7	7	7	4	4	4	48	48	48	30	30	30	78	78	78	55	55	55

4. — *Residence of Persons admitted by Commitment.*

COUNTIES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Berkshire, . . . . .	—	—	—	1	2	3	1	2	3
Bristol, . . . . .	—	—	—	3	1	4	3	1	4
Essex, . . . . .	1	—	1	5	6	11	6	6	12
Franklin, . . . . .	—	—	—	1	—	1	1	—	1
Hampden, . . . . .	4	3	7	6	3	9	10	6	16
Hampshire, . . . . .	—	—	—	—	2	2	—	2	2
Middlesex, . . . . .	4	1	5	11	5	16	15	6	21
Norfolk, . . . . .	1	—	1	3	2	5	4	2	6
Plymouth, . . . . .	—	1	1	3	1	4	3	2	5
Suffolk, . . . . .	5	5	10	18	9	27	23	14	37
Worcester, . . . . .	2	—	2	8	4	12	10	4	14
Totals, . . . . .	17	10	27	59	35	94	76	45	121
Cities or towns (10,000 or over),	8	6	14	49	31	80	57	37	94
Country districts (under 10,000),	9	4	13	10	4	14	19	8	27

5. — *Civil Condition of Persons first admitted to Any Hospital.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, . . . . .	5	3	8	35	23	58	40	26	66
Married, . . . . .	2	—	2	12	6	18	14	6	20
Widowed, . . . . .	—	1	1	1	1	2	1	2	3
Divorced, . . . . .	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Totals, . . . . .	7	4	11	48	30	78	55	34	89



## 6. — Occupations of Persons first admitted to Any Hospital.

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Blacksmith, . . .	1	-	1	Salesman, . . .	-	1	1
Butcher, . . .	-	1	1	Shipper, . . .	-	1	1
Carpenters, . . .	-	2	2	Shoemakers, . . .	-	4	4
Clerk, . . .	-	1	1	Stenographer, . . .	-	1	1
Farmer, . . .	-	1	1	Teamster, . . .	-	1	1
Laborers, . . .	-	8	8	Window cleaner, . . .	1	-	1
Machinist, . . .	-	1	1	Woolen dresser, . . .	1	-	1
Mechanic, . . .	-	1	1				
Merchant, . . .	-	1	1	Totals, . . .	4	30	34
Operatives, . . .	1	4	5	Unknown, . . .	3	18	21
Printer, . . .	-	1	1				
Painter, . . .	-	1	1	Totals, . . .	7	48	55

## FEMALES.

Domestics, . . .	-	7	7	Students, . . .	-	2	2
Dressmaker, . . .	1	-	1	Waitress, . . .	-	1	1
Housewives, . . .	-	3	3				
Laundress, . . .	-	1	1	Totals, . . .	2	20	22
Operatives, . . .	-	4	4	Unknown, . . .	2	10	12
Saleswoman, . . .	-	1	1				
Seamstresses, . . .	1	1	2	Totals, . . .	4	30	34

## WIFE OR DAUGHTER OF—

Carpenter, . . .	-	1	1	Paper hanger, . . .	-	1	1
Clerks, . . .	-	2	2	Painter, . . .	1	-	1
Cook, . . .	1	-	1	Printer, . . .	-	1	1
Farmer, . . .	-	1	1	Shoemaker, . . .	-	1	1
Laborer, . . .	-	1	1	Stone polisher, . . .	-	1	1
Machinists, . . .	-	2	2	Tailor, . . .	-	1	1
Mechanic, . . .	-	1	1				
Operatives, . . .	1	1	2	Totals, . . .	3	14	17

7. — *Probable Causes of Epilepsy in Persons first admitted to Any Hospital.*

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			INTERPERANCE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical : —												
Amputation of arm, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-
Scarlatina, . . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Trauma, . . . . .	1	2	3	-	-	-	-	-	-	-	1	1
Mental : —												
Worry, . . . . .	1	-	1	-	-	-	-	-	-	1	-	1
Totals, . . . . .	3	3	6	-	-	-	-	-	-	1	1	2
Unknown, . . . . .	4	1	5	-	-	-	-	-	-	1	-	1
Totals, . . . . .	7	4	11	-	-	-	-	-	-	2	1	3
<i>Sane.</i>												
Physical : —												
Alcoholism, . . . . .	3	-	3	1	-	1	-	-	-	2	-	2
Chronic pachymeningitis, . . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Drug habit, . . . . .	-	1	1	-	-	-	-	-	-	-	1	1
Excitement, . . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Hysterectomy, . . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Menstruation, . . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Overeating, . . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Overwork, . . . . .	3	2	5	-	-	-	-	-	-	1	-	1
Tobacco, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-
Trauma, . . . . .	15	5	20	1	1	2	-	-	-	3	-	3
Mental : —												
Fright, . . . . .	2	1	3	-	-	-	-	-	-	-	-	-
Grief, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-
Overstudy, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-
Totals, . . . . .	26	14	40	2	1	3	-	-	-	6	1	7
Unknown, . . . . .	22	16	38	2	3	5	2	2	4	3	1	4
Totals, . . . . .	48	30	78	4	4	8	2	2	4	9	2	11
Aggregates, . . . . .	29	17	46	2	1	3	-	-	-	7	2	9
Unknown, . . . . .	26	17	43	2	3	5	2	2	4	4	1	5
Aggregates, . . . . .	55	34	89	4	4	8	2	2	4	11	3	14

8. — *Ages of Epileptics at First Attack, Admission and Death.*

INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						PERSONS DIED.					
	AT FIRST ATTACK OF INSANITY.			WHEN ADMITTED.			AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	1	2	3	1	1	2	4	1	5	1	1	2
15 years and less, .	3	1	4	2	1	3	1	1	2	4	1	5
From 15 to 20 years,	1	1	2	1	1	2	1	1	2	1	1	2
20 to 25 years,	1	1	2	1	1	2	1	1	2	1	1	2
25 to 30 years,	1	1	2	1	1	2	1	1	2	1	1	2
30 to 35 years,	2	1	3	2	1	3	1	1	2	1	1	2
35 to 40 years,	1	1	2	1	1	2	1	1	2	1	1	2
40 to 50 years,	1	1	2	1	1	2	1	1	2	1	1	2
50 to 60 years,	1	1	2	1	1	2	1	1	2	1	1	2
60 to 70 years,	1	1	2	1	1	2	1	1	2	1	1	2
70 to 80 years,	1	1	2	1	1	2	1	1	2	1	1	2
80 to 90 years,	1	1	2	1	1	2	1	1	2	1	1	2
Totals, . . . . .	7	4	11	7	4	11	8	2	10	8	2	10
Unknown, . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
Total persons,	7	4	11	7	4	11	9	4	13	9	4	13
Mean known ages, . . . . .	23.28	20.87	22.4	23.28	20.87	22.4	24.0	14.75	19.9	21.19	14.75	19.9

8. — Ages of Epileptics at First Attack, Admission and Death — Concluded.

SANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			PERSONS DIED.		
	AT FIRST ATTACK OF EPILEPSY.			AT FIRST ATTACK OF EPILEPSY.		
	WHEN ADMITTED.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	4	3	7	-	-	-
15 years and less, . . . . .	16	17	33	-	-	-
From 15 to 20 years, . . . . .	7	4	11	1	1	2
20 to 25 years, . . . . .	3	3	6	-	2	2
25 to 30 years, . . . . .	1	-	1	-	1	1
30 to 35 years, . . . . .	5	2	7	-	-	-
35 to 40 years, . . . . .	1	-	1	-	-	-
40 to 50 years, . . . . .	3	-	3	1	1	2
50 to 60 years, . . . . .	3	-	3	1	1	2
60 to 70 years, . . . . .	1	1	2	-	1	1
70 to 80 years, . . . . .	-	-	-	-	2	2
80 to 90 years, . . . . .	-	-	-	-	-	-
Totals, . . . . .	44	30	74	3	9	12
Unknown, . . . . .	4	-	4	-	-	-
Total persons, . . . . .	48	30	78	3	9	12
Mean known ages, . . . . .	20.69	13.45	17.75	39.17	45.0	43.54
			28.96	21.0	29.05	27.04



9. — *Probable Duration of Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.											
	INSANE.						SANE.				TOTALS.	
	INSANITY.			EPILEPSY.			EPILEPSY.			EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	.	.	.	-	-	-	4	3	7	4	3	7
Under 1 month,	.	.	.	-	-	-	-	-	-	-	-	-
From 1 to 3 months,	.	.	.	-	-	-	1	1	2	1	1	2
3 to 6 months,	.	.	.	2	-	2	-	-	-	-	-	-
6 to 12 months,	.	.	.	-	-	-	-	-	-	-	-	-
1 to 2 years,	.	.	.	1	-	1	3	-	3	2	5	10
2 to 5 years,	.	.	.	1	1	2	-	1	1	10	4	15
5 to 10 years,	.	.	.	-	-	-	1	1	2	9	9	20
10 to 20 years,	.	.	.	1	-	1	1	1	2	10	6	18
Over 20 years,	.	.	.	-	2	2	2	1	3	7	2	12
Totals,	.	.	.	5	3	8	7	4	11	44	30	85
Unknown,	.	.	.	2	1	3	-	-	-	4	-	4
Totals,	.	.	.	7	4	11	7	4	11	48	30	89
Average known duration in years,				4.15	16.83	8.9	11.85	12	11.9	11.33	11.24	11.30
										11.42	11.29	11.38

10. — Discharges, classified by Admission and Result as to Epilepsy.

NUMBER OF THE ADMISSION.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
			Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics: —																	
First, .	.	.	1	—	1	3	2	5	—	—	—	9	4	13	13	6	19
Second, .	.	.	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Third, .	.	.	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Total cases, .	.	.	3	—	3	3	2	5	—	—	—	9	4	13	15	6	21
Total persons, .	.	.	3	—	3	3	2	5	—	—	—	9	4	13	15	6	21
First admitted to any hospital, .			—	—	—	—	1	1	—	—	—	2	1	3	2	2	4
B. — Sane epileptics: —																	
First, .	.	.	7	—	7	7	11	18	7	4	11	3	8	11	24	23	47
Second, .	.	.	1	—	1	1	2	3	3	—	3	—	1	1	5	3	8
Third, .	.	.	—	—	—	1	—	1	—	—	—	—	—	—	1	—	1
Total cases, .	.	.	8	—	8	9	13	22	10	4	14	3	9	12	30	26	56
Total persons, .	.	.	8	—	8	9	13	22	10	4	14	3	9	12	30	26	56
First admitted to any hospital, .			6	—	6	6	11	17	7	4	11	3	8	11	22	23	45

*11. — Causes of Death.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<b>Nervous system :—</b>									
Amyotrophic lateral sclerosis, . . . .	-	-	-	-	1	1	-	1	1
Cerebral anemia, . . .	-	-	-	-	1	1	-	1	1
Cerebral hemorrhage, . .	1	-	1	-	-	-	1	-	1
Epilepsy, . . . . .	-	-	-	1	2	3	1	2	3
Exhaustion from epilepsy,	-	-	-	-	1	1	-	1	1
Psychical epilepsy, . . .	-	1	1	-	-	-	-	1	1
Status epilepticus, . . .	4	2	6	1	2	3	5	4	9
<b>Circulatory system :—</b>									
Acute cardiac dilatation, .	1	-	1	-	-	-	1	-	1
Cardiac paralysis, . . .	-	-	-	1	-	1	1	-	1
Chronic myocarditis, . .	-	-	-	-	1	1	-	1	1
<b>Respiratory system :—</b>									
Broncho-pneumonia, . . .	1	-	1	-	-	-	1	-	1
Hypostatic congestion of the lungs, . . . . .	-	1	1	-	-	-	-	1	1
Lobar pneumonia, . . . .	1	-	1	-	-	-	1	-	1
<b>General :—</b>									
Septicemia, . . . . .	1	-	1	-	-	-	1	-	1
Tuberculosis, pulmonary,	-	-	-	-	1	1	-	1	1
Totals, . . . . .	9	4	13	3	9	12	12	13	25

## 12. — Deaths, classified by Duration of Disease and Treatment.

## INSANE.

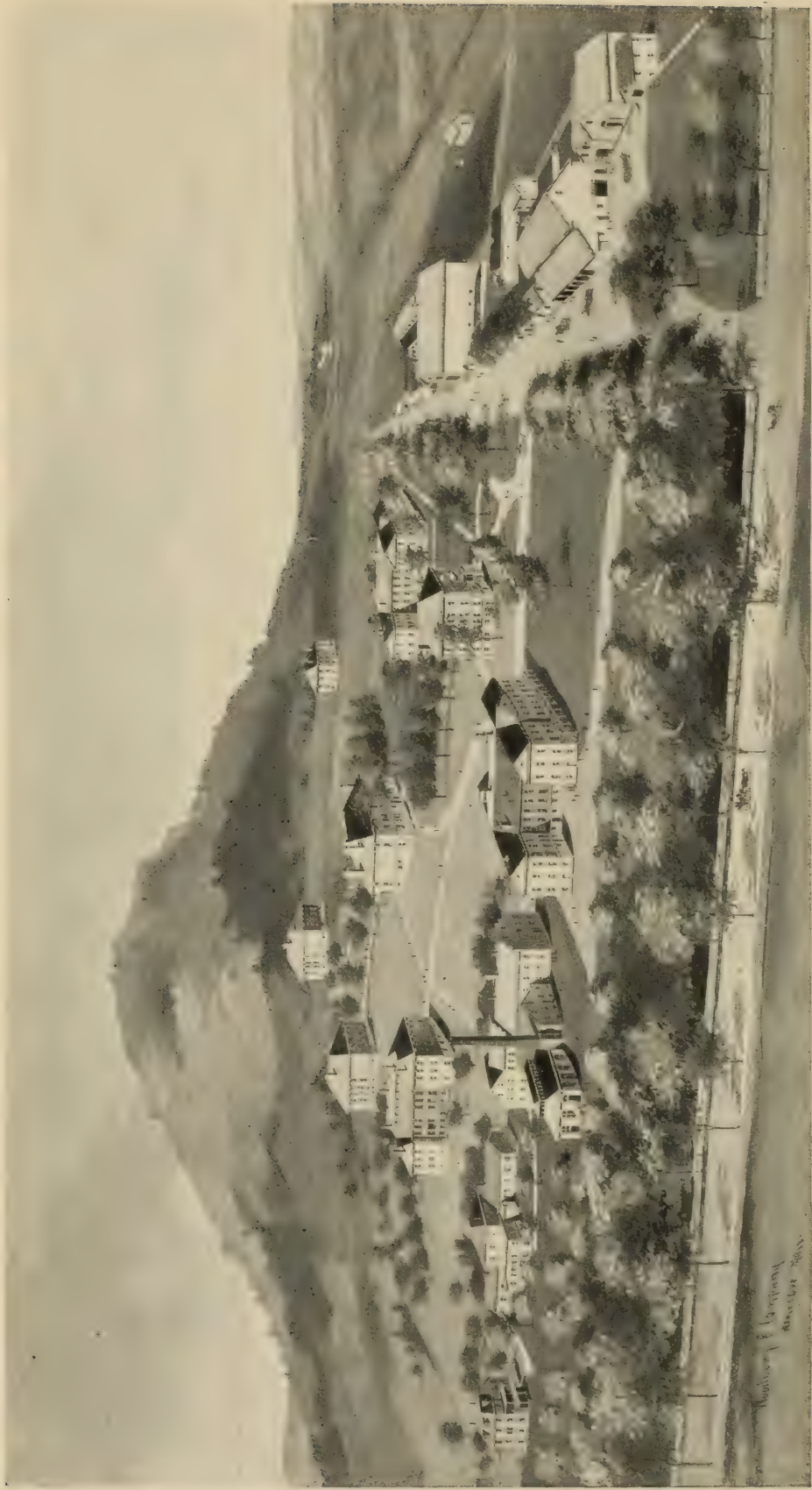
PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Congenital, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-











BIRD'S-EYE VIEW OF THE MASSACHUSETTS HOSPITAL FOR EPILEPTICS.



REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE

YEAR ENDING SEPTEMBER 30, 1905.



BOSTON:

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# OFFICERS

## OF THE

### MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

---

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EVERETT FLOOD, M.D.,	. . . . .	<i>Superintendent.</i>
ARTHUR O. MORTON, M.D.,	. . . . .	<i>Assistant Physician.</i>
MORGAN B. HODSKINS, M.D.,	. . . . .	<i>Assistant Physician.</i>
EDWARD A. KENNEDY, M.D.,	. . . . .	<i>Assistant Physician.</i>
LILLIAN M. KINCAID,	. . . . .	<i>Clerk.</i>
MARY W. WENTWORTH,	. . . . .	<i>Stenographer.</i>
CHARLES F. SIMONDS,	. . . . .	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	. . . . .	<i>Engineer.</i>
J. WESLEY WILLIAMS,	. . . . .	<i>Farmer.</i>

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#### TREASURER.

CHARLES B. FISKE,	. . . . .	PALMER.
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OFFICE AT THE HOSPITAL.



# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and Honorable Council.*

The trustees of the Massachusetts Hospital for Epileptics at Monson respectfully submit the following report : —

The past year has afforded no striking or remarkable events in the affairs of the hospital, but there has been a gradual increase in the number of patients and in the hospital plant.

Dr. William N. Bullard was reappointed trustee this year, so that the Board of Trustees has remained unchanged.

Dr. Ransom A. Greene, a second assistant physician, has resigned to engage in private practice, and his resignation has been accepted. Dr. Edward A. Kennedy has been appointed assistant physician, and is now on duty.

In view of the marked increase in the number of patients and of the additional work involved on this account, it has seemed advisable to appoint an additional assistant physician, making four in all, and the trustees now have under consideration candidates for the vacant place.

The increase in the number of patients in the hospital has gone on steadily this year. On Sept. 30, 1904, we had 459, and the daily average of patients for the preceding year was 450.04. On Sept. 30, 1905, we had 521 patients, and the daily average for the year then ending was 490.23. This increase has led to crowding, and there have been lately 56 floor beds, chiefly in the male wards. This is not advisable, and the trustees are not satisfied in regard to it. It is expected that this overcrowding will be relieved so far as the men are concerned on the opening of the new building for male patients next spring. The principle of overcrowding is a bad one. It is more or less forced upon the trustees. No

Board can provide well or arrange well for a larger number of inmates than their accommodations are made for. It is not suitable or just that any Board (except in case of emergency) should be expected to provide for 150 or even 125 patients in a building built for 100, and where an appropriation was made for a building for 100 only.

The hospital was granted last year an appropriation of \$80,000 for a building for 100 men. This sum included the expense for erecting, heating, lighting, plumbing and furnishing said building, and in general putting it into suitable condition for use. As the appropriation was passed so late in the session, it was not possible to start early in the work; but the building is now fairly advanced, the walls well up, and we hope to be able to occupy it next spring or early summer.

This building was made with many single rooms, in order to accommodate the more noisy and troublesome male patients, who often for a time must be separated from the others.

The Board, after much consideration, has decided to ask this year for a similar sum for the erection, furnishing, etc., of a similar building for the women. A class of female patients, corresponding to that of the men now being provided for, demand a like provision. These women cannot comfortably be kept with the other female patients. They are noisy, violent at times, more or less dangerous and disturbing, and they are exceedingly apt to be quarrelsome. Moreover, they complain constantly, partly from actual delusions or exaggerations of ideas, partly from the general unbalance and irritability caused by or accompanying the disease; and they are apt to disturb, to excite and to stir up the others, who are themselves in a more or less susceptible condition.

It has long been desired to move our barns from their present situation directly in front of the administration building to a more appropriate and convenient place on the main road, near the other farm buildings, and the Board believe that the present year would be a suitable time to undertake this work. We also need a proper stable for the horses, apart from the cattle barns.

A considerable amount of work has been accomplished on the grounds by the patients in grading, filling, stone-breaking, making concrete walks and gardening. It is advisable, as one



of the most important aids to health, that each patient should do what he can. Occupation, especially open-air occupation, is perhaps our most valuable therapeutic measure. The full statement of what has been made in the industrial room and in the sewing rooms will be found in the superintendent's report.

Reference was made in the report last year to the extreme care necessary to obtain good and reliable attendants and nurses. Unceasing attention is given to this matter, and whenever any question of doubt as to character or as to treatment of patients by an attendant, arises, it is our policy to consider that such attendant is no longer available for the institution. On the other hand, statements made by certain patients must be verified, as they are not fully responsible mentally.

A list of the medical publications and research work published this year will be found in the superintendent's report. It is not possible yet that as much time as we should desire can be given to this class of work, as the routine work, the care and treatment of patients must come first.

It is hoped that before long we may be able to have an officer who can devote himself entirely to the clinical and practical study of the prevention, treatment and cure of epilepsy. For this purpose it will be necessary to have one assistant who shall have few or no routine duties.

In the work done by the hospital the training school plays an important part. There is now a graduated three years' course for nurses. Male attendants are allowed a certificate of work at two years or three years, according to the actual time spent.

The list of appropriations for which the trustees petition this year is as follows :—

Building for 100 women, . . . . .	\$80,000
Work on barns, including fireproof walls, . . . . .	8,000
Stone crusher, . . . . .	2,000
Improvement of grounds, . . . . .	1,000
Stable, . . . . .	Amount to be determined later.

A full explanation of the advisability of the last three items will be found in the superintendent's report.

WILLIAM N. BULLARD,

*For the Trustees.*

## SUPERINTENDENT'S REPORT.

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*To the Trustees of the Massachusetts Hospital for Epileptics.*

The following report is respectfully submitted. The work of this year is represented in detail by the table herewith appended :—

Number of patients Sept. 30, 1904,	.	.	.	.	.	.	.	459
Since admitted :—								
Sane <sup>1</sup> (8 from visit, 3 from escape),	.	.	.	.	.	.	.	102
Insane (5 from visit, 2 from escape),	.	.	.	.	.	.	.	57
Discharged and on visit :—								
Sane.—Much improved,	.	.	.	.	.	.	.	12
Improved,	.	.	.	.	.	.	.	10
Not improved,	.	.	.	.	.	.	.	13
Died,	.	.	.	.	.	.	.	11
On visit,	.	.	.	.	.	.	.	15
Escaped,	.	.	.	.	.	.	.	2
								63
Insane.—Recovered,	.	.	.	.	.	.	.	1
Much improved,	.	.	.	.	.	.	.	1
Improved,	.	.	.	.	.	.	.	5
Not improved,	.	.	.	.	.	.	.	2
Died,	.	.	.	.	.	.	.	13
Transferred,	.	.	.	.	.	.	.	4
On visit,	.	.	.	.	.	.	.	7
Escaped,	.	.	.	.	.	.	.	1
								34
Number of patients remaining Sept. 30, 1905,	.	.	.	.	.	.	.	521
Daily average of patients,	.	.	.	.	.	.	.	490.23
Per capita cost (per week),	.	.	.	.	.	.	.	\$4 56

The difficulty in keeping our patients cheerfully and suitably employed is a subject which I have discussed every year, and I find it still one of our most difficult problems. Patients with this disorder are nearly all disinclined to make physical exertion. They have been taught through their early years that they are invalids, and have largely lost the capacity for

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<sup>1</sup> Three insane and 8 sane persons nominally admitted for discharge.

holding themselves to a task when not feeling in prime condition. They make much of a slight indisposition, and are easily driven from the assigned labor by trivial things, such as an uncomfortable degree of heat or cold, windy weather or threatening rain.

Another matter of very serious purport is the question of feeding our patients. This has been carefully studied, and many problems connected with it have been to a degree solved, but much is still to be done in this line. In general, I think it may be stated that a diet which is wholesome, palatable, of ordinary kinds of food, well cooked, is not harmful. Our patients have often to be taught to partake of their food with moderation, at regular intervals and with thorough insalivation.

The question of contentment among the patients at this institution is one which attracts the attention of the interested officer to a large degree. We find that the proportion of discontented cases is not large. Those who do manifest this disposition, it is often found, have shown the same difficult traits at home, and have not been sent to us until conditions there have become intolerable. These patients have to be carefully considered here, and their demands met to as large a degree as possible. I am glad to say, however, that in the majority of instances our patients manifest a disposition to cooperate cheerfully, and evince appreciation and contentment. They are nearly all hopeful, and do not become much depressed over the distressing malady from which they suffer.

At the greenhouse a small family of men who are by themselves has been established for some months. At Farm Cottage the house will soon be in condition to care for a similar family. The isolated small families seem advantageous for some who have definite occupations. Larger groups, such as the farm group, are already fully tested. It seems to me that the policy of separation into groups or single families, and independent management for each, is a good one for us to continue; but this of course applies only to buildings outside of the main group, where the service buildings are clustered, and where are to be housed within a radius of 1,000 feet about 500 of the cases needing custody or daily treatment.



Dr. John A. Furbish this year and Dr. Leroy M. S. Miner last year acted most acceptably as dentists during the entire summer season. Thanks are due them for valuable aid, both for the work they did and for the instruction furnished to our training class.

The medical work already done has been fully reported. That of this year is less in published results, but actually much greater than ever before.

A system for work has been carried on this year as formerly, but much more completely. I hope to develop this so that the daily clinics and staff consultations will be located in a special part of the hospital, where all new cases may come and where the training class may meet. One man now has the main care of new cases, laboratory work, etc., and he will develop into a trained clinician and pathologist, with definite, independent duties, aside from the administrative.

Among the items which I present to your Board as the most pressing of our needs for this year, I wish especially to mention the conditions which make necessary the stable and the stone crusher. Our hillside roads and walks are very hard to keep from washing during wet weather. Much has been done in putting in cross-drains, catch-basins and underdrains; but we have not the force to do the great amount really necessary to make any portion complete. With the large amount of available stone, we can soon change this condition by the use of a stone crusher. We have electric power for this already installed, and the fields from which the stone is taken will be cleared, and hence advanced in value.

As to the needed stable, it is fair to say that we have never had a stable. Our stable horses have been in one of the old barns, which we very much desire and need to remove to another foundation, to be used for a store place for vegetables and groceries. This, if done, would leave us without even the present poor accommodations. I advise building a stable large enough for future needs, and one in which the portion where the horses stand will be non-combustible. I very much feel the need of so placing all live stock that it will be safe from fire.



## TRAINING SCHOOL FOR NURSES.

The training school was established in 1899, and the first class was graduated in 1901. A decided improvement was noticed from the first in the care of patients. The nurses began to take more interest in their cases. The patients' diet, bowels and general hygienic surroundings were watched more carefully. As the nurses were taught the mental and moral characteristics of epileptics, quarrels and misunderstandings between patients and between patients and nurses became less and less frequent.

The course has been strengthened from time to time by the addition of new subjects, and in 1902 the course for women was lengthened from two to three years. During the three years' training the nurses are taught not only to care for epileptic patients, but receive in addition instruction and practical work in general medical and surgical nursing, which enables them to take up private nursing after their graduation. The nurses who have gone out into private work have met with success in nearly every instance, and are a credit to the training school. Many of the nurses remain at the hospital after graduation and become head nurses, assistant supervisors and supervisors.

A nurse enters the hospital on two months' probation. During this time she takes the preliminary course, which consists of ten lessons, on the following subjects: care of patients during convulsions; hypodermic injections; enemata; rectal feeding; pulse; temperature; respiration; feeding the sick and helpless; bed making; hot packs; baths; ventilation; bandaging, etc.

The first year's work consists of instruction in anatomy and physiology, with recitations from Kimber's "Anatomy and Physiology for Nurses."

The second year's work consists of a review of the previous year's work, and instruction in medical nursing, with recitations from Humphry's "Manual of Nursing." The nurse also receives practical instruction in uranalysis, massage, pharmacology and dentistry.

The third year's work consists of a review of Humphry's "Manual of Nursing," and instruction in obstetrics, bacteri-

ology and surgery. Recitations are held from "Notes on Obstetrics" and Stoney's "Bacteriology and Surgical Technic for Nurses." The nurse also receives laboratory instruction in uranalysis and pharmacology.

Recitations are held two days each week, from the 1st of October to the 1st of June.

Medical and surgical lectures are given at frequent intervals during the winter months by members of the hospital staff and by the neighboring physicians.

Graduate nurses and members of the third-year class are allowed to attend a limited number of private cases in the surrounding towns. In this way much valuable experience is gained.

The male nurses are allowed a certificate of work at the end of two years; some are willing to take the third-year work of the course, and graduate with a third-year diploma.

*List of Graduates.*

NAME.	Class.	Occupation.	Address.
Fannie C. Cronin, . . .	1901,	Supervisor at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Mary E. Kilduff, . . .	1901,	Private nursing, . . .	Springfield, Mass., 58 Spring Street.
Emma S. M. McKeever, . . .	1901,	At State Farm, . . .	State Farm, Mass.
Julia A. O'Brien, . . .	1901,	Private nursing, . . .	Roxbury, Mass., 22 Kenilworth Street.
Edith E. B. Townsend, . . .	1901,	Married, . . .	Bragville, Me.
Carroll W. Briggs, . . .	1902,	At Boston City Hospital, .	Boston, Mass.
Annabelle M. D. Manwarring,	1902,	Married, . . .	West Stephentown, N. Y.
Edwin S. Manwarring, . . .	1902,	Farmer, . . .	West Stephentown, N. Y.
James L. McKeever, . . .	1902,	At State Farm, . . .	State Farm, Mass.
Walter L. McKeever, . . .	1902,	- -	Middletown, Conn.
Hattie Edith Rowe, . . .	1902,	Private nursing, . . .	Georgetown, Me.
Alice B. Smith, . . .	1902,	Bookkeeping, . . .	Medford, Mass., 27 Newburn Avenue.
Marguerite J. Casey, . . .	1903,	Private nursing, . . .	Burlington, Vt.
Catherine Daley, . . .	1903,	Connecticut hospital for in- sane.	Middletown, Conn.
Georgie A. Nute, . . .	1903,	At Stamford Hall, . . .	Stamford, Conn.
George J. Flint, . . .	1903,	Supervisor at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Mae D. Brown, . . .	1905,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Annie A. Caldwell, . . .	1905,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Louis A. Fontaine, . . .	1905,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Frank L. Morway, . . .	1905,	Apothecary at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Auguste Tanski, . . .	1905,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.

## ARTICLES WRITTEN.

1. Four Lectures for Training School (titles elsewhere).
2. Notes on Obstetrics for Nurses (three volumes).
3. Receipts for Special Diets.
4. Revision of Rules for Nurses.
5. Epilepsy as a Symptom.
6. Epilepsy: General Observations and Home Care.
7. Studies in Epilepsy (two papers).

## AUTOPSIES AND FINDINGS.

*No. 921.* — Male. Autopsy, Oct. 20, 1904. White matter of brain showed numerous punctate hemorrhages, also one large hemorrhagic area was found on the floor of the fourth ventricle; slight hypertrophy of the heart; fatty degeneration of both kidneys.

*No. 377.* — Female. Autopsy, Dec. 5, 1904. Dura very adherent; large blood clot and disorganized tissue just below the floor of the right lateral ventricle; lungs show old areas of scar tissue; hour-glass stomach.

*No. 683.* — Female. Autopsy, April 2, 1905. Dura adherent; numerous punctate hemorrhages in both gray and white matter; heart, chronic endocarditis.

*No. 545.* — Male. Autopsy, July 19, 1905. Only the brain examined; numerous punctate hemorrhages scattered throughout the gray and white matter.

*No. 530.* — Female. Autopsy, Aug. 19, 1905. Brain not examined; hypertrophied heart; dilated aorta; calcareous degeneration of the mitral, aortic, semilunar valves; scar tissue in the apices of both lungs; chronic gastritis.

## PATHOLOGICAL MATERIAL COLLECTED.

One brain; apoplexy.

Three brains; numerous punctate hemorrhages.

Three hearts.

## OPERATIONS.

Inguinal hernia; threatened strangulation; results relieved.

Post operative hernia; results good.

Three double ovariectomies; results good.

Appendectomy; results good.

Five tonsillotomies; results good.

A large number of minor operations.



*Medical Lectures.*

DATE.	NAME.	Subject.
<b>1905.</b>		
March 21,	Dr. Everett Flood, . . .	Evolution.
April 5,	Dr. A. O. Morton, . . .	Aseptic Surgery.
April 29,	Dr. M. B. Hodskins, . . .	Kidney Diseases.
May 4,	Dr. R. A. Greene, . . .	Scarlet Fever and Measles.
May 27,	Dr. A. C. Getchell, . . .	The Climate of the United States.

## CLERGYMEN WHO HAVE HELD SERVICES HERE.

Rev. Charles Olmstead.

Rev. M. Oakman Patton.

Rev. N. M. Pratt.

Rev. C. N. Williams.

Rev. Willis A. Moore.

Rev. Fr. Carey.

Rev. Dr. J. S. Lemon.

Rev. Frederick F. Johnson.

*Table showing Patients employed, and in What Way.*

	Males.	Females.
Industrial building, . . . . .	15	-
Administration building, . . . . .	1	3
Employees' cottage, . . . . .	2	3
Nurses' home, . . . . .	-	2
Sewing rooms, . . . . .	-	48
Laboratory, . . . . .	1	-
Dining rooms, . . . . .	18	10
Kitchens, . . . . .	14	48
Laundry, . . . . .	11	56
Stable, . . . . .	3	-
Ward work, . . . . .	60	49
Grading, . . . . .	20	-
Teaching, . . . . .	-	1
Music practice for assemblies, . . . . .	1	1
With yard man, . . . . .	7	-
Painting, . . . . .	5	-
On roads, . . . . .	20	-
Weaving, . . . . .	1	1
Boiler house, . . . . .	2	-
Bakery, . . . . .	4	-
Clerical, . . . . .	1	-
Farm, . . . . .	27	-
Greenhouse, . . . . .	16	-
Mason, . . . . .	3	-
Carpenter, . . . . .	2	-
Store, . . . . .	2	-
Farm group, . . . . .	-	3
Photography, . . . . .	-	1
Barns, . . . . .	8	-
Totals, . . . . .	244	226



*Gifts.*

NAME.	Residence.	Gift.
Business and Social Club, . . .	Palmer, . . .	Magazines.
Mr. D. L. Bodfish, . . .	Palmer, . . .	Sunday-school quarterlies.
Mrs. W. W. Converse, . . .	Palmer, . . .	Magazines.
Mrs. Henry L. Holden, . . .	Palmer, . . .	Magazines.
Mrs. Henriette Cushing, . . .	Boston, . . .	Entertainment, clothing, sums of money and glasses for patients.
Mrs. W. S. Hyde, . . .	Ware, . . .	Bound volumes of magazines.
Mr. W. E. Thayer, . . .	South Hanson, . . .	Wild goose.
Mrs. Regis Latinville, . . .	Westborough, . . .	Ribbon.
Mr. Arland M. Rose, . . .	Springfield, . . .	Toys.
Mrs. Helen M. Whitman, . . .	Medford, . . .	Collars, handkerchiefs and aprons.
Dr. Wm. N. Bullard, . . .	Boston, . . .	Medical books.
Miss Harriet Cushman, . . .	Monson, . . .	Magazines.
Mr. George Ezekiel, . . .	Palmer, . . .	Magazines.
Mr. Samuel Rogers, . . .	Palmer, . . .	Magazines.
Mrs. L. E. Chandler, . . .	Palmer, . . .	Magazines.
Mr. George Buck, . . .	Palmer, . . .	Magazines.
Mr. Charles Fish, . . .	Palmer, . . .	Magazines.
Mr. J. F. Holbrook, . . .	Palmer, . . .	Magazines.
Mr. D. E. Marcy, . . .	Palmer, . . .	Magazines.
Mr. Morrill, . . .	Palmer, . . .	Books and magazines.
Mr. A. E. Fitch, . . .	Palmer, . . .	Magazines.
Mrs. T. O. Esten, . . .	West Brimfield, . . .	Magazines and papers.
Mr. L. A. Royce, . . .	Palmer, . . .	Magazines and papers.
Mrs. J. C. Millen, . . .	Thorndike, . . .	Magazines.
Mrs. H. H. Paine, . . .	Palmer, . . .	Magazines.
Mrs. Mary P. Townsley, . . .	Springfield, . . .	Books.
Rev. Dr. J. S. Lemon, . . .	Gardner, . . .	Vases.
Rev. Horace C. Hovey, . . .	Newburyport, . . .	Book.
Rev. Fr. W. N. Hart, . . .	Palmer, . . .	Magazines.
The Maltine Company, . . .	Brooklyn, N. Y., . . .	Neoferrum.
Mr. Frank Carpenter, . . .	Palmer, . . .	Magazines.
W. B. Saunders & Co., . . .	Philadelphia, Pa., . . .	Text-book for nurses.
Eastern Hampden Agricultural Society.	Palmer, . . .	Admission of patients to fair.
Mr. W. P. Guy, . . .	Springfield, . . .	Clothing.

## AMUSEMENTS.

Dances, 48; masquerade, 1; readings and impersonations, 7; musicale, 1; illustrated lectures, 2; sessions of dancing-school, 28; entertainment, legerdemain, 1; entertainment, crayon drawings, 1; entertainments, farces, 2; excursions to Forest Lake, 24; excursions to fair, 4; excursion to ball game, 1; car rides, 10; sleigh rides, 6; carriage rides, 18; whist party for employees, 1.

Respectfully submitted,

EVERETT FLOOD,

*Superintendent.*

## ARTICLES MADE IN THE SEWING ROOM.

Sheets made, . . . .	638	Drawers made, pairs, . . .	256
Pillow cases made, . . .	582	Nightgowns made, . . .	18
Rubber pillow covers made, . . .	14	Oven cloths made, . . .	10
Pillow ticks made, . . .	37	Chemises made, . . .	115
Sofa pillows made, . . .	3	Petticoats made, . . .	19
Chair cushions made, . . .	4	Aprons made, . . .	166
Cosy corner cushion made, . . .	1	Mangle aprons made, . . .	10
Cosy corner cushion cover made, . . . .	1	Barber's aprons made, . . .	4
Bed ticks made, . . .	11	Coats made, . . .	71
Table cloths made, . . .	152	Baseball suits made, . . .	21
Napkins made, . . .	289	Holders made, . . .	6
Towels made, . . .	1,827	Suspenders made, pairs, . . .	122
Bureau covers made, . . .	125	Garters made, pairs, . . .	285
Bookcase cover made, . . .	1	Neckties made, . . .	19
Window shades made, . . .	15	Strainers made, . . .	9
Sash curtains made, pairs, . . .	44	Bathing caps made, . . .	11
Muslin curtains made, pairs, . . .	4	Denim socks made, pairs, . . .	4
Denim curtains made, pairs, . . .	4	Bibs made, . . .	102
Curtains for bookcases made, . . .	6	Belt made, . . .	1
Curtains for registers made, . . .	9	Overalls made, pairs, . . .	4
Portières made, pairs, . . .	1	Baseball flags made, . . .	2
Hot water bottle covers made, . . .	2	Baby's cloak made, . . .	1
Canvas wagon covers made, . . .	2	Trousers shortened, pairs, . . .	95
Cover for barber's chair made, . . .	1	Sleeves shortened, pairs, . . .	9
Cover for camera made, . . .	1	Trousers lengthened, pairs, . . .	1
Tea and coffee bags made, . . .	42	Sleeves lengthened, pairs, . . .	8
Floor swabs made, . . .	161	Blankets hemmed, . . .	6
Clothes bags made, . . .	44	Shirts cut, . . .	514
Sawdust bags made, . . .	2	Nightshirts cut, . . .	159
Mail bag made, . . .	1	Drawers cut, pairs, . . .	370
Rugs made, . . .	141	Chemises cut, . . .	124
Screens covered, . . .	13	Nightgowns cut, . . .	92
Mattress covered, . . .	1	Petticoats cut, . . .	72
Camisole made, . . .	1	Bibs cut, . . .	149
Shirts made, . . .	421	Baseball suits cut, . . .	21
Undershirts made, . . .	193	Coats cut, . . .	30
Nightshirts made, . . .	217	Trousers cut, pairs, . . .	3
		Mitten linings cut, pairs, . . .	107

## ARTICLES MADE AND REPAIRED IN THE WARDS.

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Aprons made, . . . .	268	Overalls made, pairs, . . .	11
Corset covers made, . . .	97	Mittens made, pairs, . . .	73
Drawers made, pairs, . . .	113	Bibs made, . . . .	12
Dresses made, . . . .	245	Curtains made, . . . .	5
Night dresses made, . . .	277	Screen covers made, . . .	6
Dressing sacks made, . . .	60	Mattress covers made, . . .	19
Petticoats made, . . . .	80	Bed ticks made, . . . .	2
Bathing suit made, . . .	1	Shirts made, . . . .	30
Shirt waists made, . . .	12	Bed socks made, pairs, . . .	4
Skirts made, . . . .	8	Blankets hemmed, . . . .	10
Surgical gown made, . . .	1	Sleeves made, pairs, . . .	37
Nurses' caps made, . . .	15	Skirts shortened, . . . .	6
Coats made, . . . .	63	Stockings mended, pairs, . .	1,835
Trousers made, pairs, . . .	25	Pieces mended, . . . .	899
Vests made, . . . .	3		



## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOMS.

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Shoes made, pairs, . . .	256	Overalls made, pairs, . . .	55
Slippers made, pairs, . . .	177	Mittens made, pairs, . . .	85
Rope rugs made, . . .	32	Nurses' caps made, . . .	5
Mattresses made, . . .	45	Curtain made, . . .	1
Wooden head marks carved, . . .	4	Mattress covers made, . . .	226
Wooden door plates carved, . . .	169	Bed socks made, pairs, . . .	6
Brooms made, . . .	203	Suit made, . . .	1
Milking stools made, . . .	9	Caps made, . . .	143
Rustic benches made, . . .	22	Towels made, . . .	272
Screens made, . . .	3	Swab cloths made, . . .	105
Checkers made, . . .	144	Bibs made, . . .	12
Pill envelopes made, . . .	8,000	Dish towels made, . . .	24
Window seat cushion made, . . .	1	Shoes repaired, pairs, . . .	776
Clothes hangers made, . . .	160	Shoes marked, pairs, . . .	112
Dominoes made, sets, . . .	15	Umbrellas repaired, . . .	129
Pillows made, . . .	12	Pillows renovated, . . .	351
Sofa pillows filled, . . .	15	Belts repaired, . . .	9
Baseball bases made, . . .	4	Harnesses repaired, . . .	27
Hammer handles made, . . .	38	Chairs repaired, . . .	16
Hair picked, pounds, . . .	750	Screens repaired, . . .	19
Broom handles finished, . . .	295	Suspenders repaired, pairs, . . .	13
Men's suits cut, . . .	16	Crutches repaired, . . .	2
Men's coats cut, . . .	102	Chairs resealed, . . .	23
Vests cut, . . .	28	Robes repaired, . . .	2
Overalls cut, pairs, . . .	113	Rakes repaired, . . .	12
Trousers cut, pairs, . . .	154	Stretcher repaired, . . .	1
Aprons made, . . .	313	Tub covers repaired, . . .	3
Corsets covers made, . . .	11	Chair cushions repaired, . . .	8
Coats made, . . .	63	Camp stool repaired, . . .	1
Trousers made, pairs, . . .	70	Broom machine repaired, . . .	1
Vests made, . . .	47	Rugs repaired, . . .	3

Barber stool repaired, . . .	1	Mattresses repaired, . . .	29
Watch clock case repaired, .	1	Baskets repaired, . . .	3
Step ladder repaired, . . .	1	Settee repaired, . . .	1
Bed ticks eyeletted, . . .	3	Flower trellis repaired, .	1
Truss repaired, . . .	1	Pieces mended, . . .	5,667
Baseballs repaired, . . .	3	Envelopes printed, . . .	500
Baseball protectors repaired,	2	Postal cards printed, . . .	400
Mop repaired, . . .	1	Letter heads printed, boxes,	10
Baseball glove repaired, .	1	Pamphlets printed, . . .	2,410
Book repaired, . . .	1	Blanks printed, . . .	36,430
Feedbaskets repaired, . . .	2		

## FARM PRODUCTS

FROM OCT. 1, 1904, TO OCT. 1, 1905.

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Milk, 207,633 quarts, . . . . .	\$10,381 65
Hay, 179 tons, . . . . .	3,222 00
Meadow hay, 32 tons, . . . . .	320 00
Rowen hay, 8 tons, . . . . .	96 00
Oat hay, 18 tons, . . . . .	216 00
Ensilage, 300 tons, . . . . .	900 00
Green fodder, 129 tons, . . . . .	387 00
Rhubarb, 4,868 pounds, . . . . .	97 36
Lettuce, 4,050 heads, . . . . .	81 00
Green peas, 60 $\frac{1}{4}$ bushels, . . . . .	75 30
Radishes, 5 $\frac{1}{2}$ bushels, . . . . .	8 50
Greens, 56 bushels, . . . . .	28 00
Sweet corn, 13,413 ears, . . . . .	134 13
Currants, 215 quarts, . . . . .	21 50
Beans, 110 $\frac{1}{2}$ bushels, . . . . .	111 50
Summer squash, 5,972 pounds, . . . . .	119 44
Winter squash, 9,520 pounds, . . . . .	95 20
Onions, 203 bushels, . . . . .	203 00
Carrots, 326 $\frac{1}{2}$ bushels, . . . . .	163 25
Strawberries, 96 quarts, . . . . .	11 99
Blackberries, 14 quarts, . . . . .	1 40
Ripe tomatoes, 113 bushels, . . . . .	113 00
Green tomatoes, 45 bushels, . . . . .	22 50
Cucumbers, 3,592, . . . . .	71 84
Cucumbers for pickles, 6 bushels, . . . . .	9 00
Grapes, 250 pounds, . . . . .	5 00
Potatoes, 2,005 bushels, . . . . .	1,415 00
Beets, 370 bushels, . . . . .	222 00
Cabbage, 9 tons, . . . . .	180 00
Turnips, 334 bushels, . . . . .	149 20
Parsnips, 400 bushels, . . . . .	240 00
Horseradish, 2 $\frac{2}{3}$ bushels, . . . . .	2 64
Field corn, 100 bushels, . . . . .	75 00
Beans for seed, 2 bushels, . . . . .	4 00
Pumpkins, 13 loads, . . . . .	39 00
Broom corn, . . . . .	10 00

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*Amount carried forward,* . . . . . \$19,232 40

<i>Amount brought forward,</i>	\$19,232 40
Pears, 7 bushels, . . . . .	7 00
Peaches, $\frac{1}{4}$ bushel, . . . . .	50
Lumber, 1,500 feet, . . . . .	22 50
Wood, 125 cords, . . . . .	312 50
Crab apples, $20\frac{1}{2}$ bushels, . . . . .	20 50
Apples, $424\frac{1}{2}$ bushels, . . . . .	212 25
Cider apples, 125 bushels, . . . . .	15 00
Pork, $5,165\frac{1}{2}$ pounds, . . . . .	371 58
Veal, 186 pounds, . . . . .	18 60
Lamb, 30 pounds, . . . . .	4 50
Chickens, 96 pounds, . . . . .	14 40
Unrendered lard, 40 pounds, . . . . .	2 80
Pigs sold, 35, . . . . .	76 50
Calves sold, 8, . . . . .	19 50
Wool sold, 352 pounds, . . . . .	91 52
Eggs, 368 dozen, . . . . .	103 04
Vegetables from greenhouse: —	
Cucumbers, 2,667, . . . . .	295 00
Radishes, 2 bushels, . . . . .	10 00
Greens, 12 bushels, . . . . .	6 00
Lettuce, 375 heads, . . . . .	7 50
Spinach, 2 bushels, . . . . .	2 40
Cabbage, 1,000 pounds, . . . . .	10 00
Strawberries, 907 quarts, . . . . .	113 37
Beans, 12 bushels, . . . . .	12 00
Sweet corn, 1,044 ears, . . . . .	10 44
Green peas, $7\frac{1}{2}$ bushels, . . . . .	9 37
Summer squash, 166 pounds, . . . . .	8 30
Ripe tomatoes, 6 bushels, . . . . .	6 00
Green tomatoes, 15 bushels, . . . . .	7 50
Cucumbers for pickles, 5 bushels, . . . . .	7 50
Winter squash, 300 pounds, . . . . .	3 00
Pumpkins, 13, . . . . .	1 30
Cabbage plants sold, 200, . . . . .	75
Tomato plants, 128 dozen, . . . . .	29 90
Cut flowers, . . . . .	75 00
Total, . . . . .	\$21,140 42



## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

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Superintendent, per year, . . . . .	\$3,000 00
Assistant physicians (2), per year, . . . . .	1,200 00
Assistant physician, per year, . . . . .	600 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	600 00
Stenographer, per month, . . . . .	30 00
Office assistant, per month, . . . . .	20 00
Steward, per year, . . . . .	1,000 00
Drug clerk, per month, . . . . .	30 00
Supervisor (woman), per month, . . . . .	30 00
Assistant supervisors (women, 2), per month, . . . . .	24 00
Supervisor (man), per month, . . . . .	40 00
Night nurses (women, 6), per month, . . . . .	\$16 00-20 00
Nurses (women, 22), per month, . . . . .	. 16 00-24 00
Night nurses (men, 6), per month, . . . . .	. 23 00-27 00
Nurses (men, 21), per month, . . . . .	. 23 00-30 00
Engineer, per year, . . . . .	1,000 00
Assistant engineer, per month, . . . . .	50 00
Helper, per month, . . . . .	32 00
Firemen (5), per month, . . . . .	\$23 00-30 00
Baker, per month, . . . . .	46 00
Kitchen man, per month, . . . . .	27 00
Store assistants (2), per month, . . . . .	\$30 00-34 00
Cooks (5), per month, . . . . .	22 00-30 00
Assistant cooks (6), per month, . . . . .	. 14 00-18 00
Table girls (5), per month, . . . . .	. 14 00-18 00
Foreman industrial room, per month, . . . . .	45 00
Seamstress, per month, . . . . .	30 00
Assistant seamstresses (5), per month, . . . . .	\$5 00-18 00
Laundress, per month, . . . . .	22 00
Laundryman, per month, . . . . .	30 00

Assistant laundresses (7), per month, . . . . .	\$14 00-\$18 00
Farmer, per year, . . . . .	1,000 00
Assistant farmers, (15), per month, . . . . .	\$20 00-30 00
Assistant farmer, without board, per month, . . . . .	50 00
Gardener, per month, . . . . .	28 00
Assistant gardener, per month, . . . . .	25 00
Driver, per month, . . . . .	35 00
Head carpenter, per day, . . . . .	2 75
Assistant carpenters (2), per day, . . . . .	2 50
Painter, per day, . . . . .	2 00
Mason, per month, . . . . .	35 00

## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital are as follows : —

1. The regular insane commitment, such as is used at the insane hospitals.

2. The sane indigent; in this case the approval of a judge is required, in addition to the physicians' certificates and the notification of the town authorities.

3. The sane private, in which two sureties are required to sign the patient's application.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood, and can be complied with easily.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany Railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London northern division of the Central Vermont. The Ware River branch of the Boston & Albany Railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.90.

## TREASURER'S REPORT.

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The report of the finances of this hospital for the year ending Sept. 30, 1905, is respectfully submitted herewith.

### ASSETS.

Real estate:—		
Cultivated land, 113 acres, . . . . .	\$17,311 00	
Woodland, 21 acres, . . . . .	1,465 00	
Pasturage, 104 acres, . . . . .	4,487 00	
Farm (under appropriation 1901), viz.:—		
Cultivated land, 40 acres, . . . . .	1,600 00	
Woodland, 50 acres, . . . . .	1,100 00	
Pasturage, 30 acres, . . . . .	300 00	
Farm (under appropriation 1903), viz.:—		
Cultivated land, 50 acres, . . . . .	1,150 00	
Woodland, 190 acres, . . . . .	2,850 00	
Pasturage, 60 acres, . . . . .	900 00	
Water and sewerage systems, . . . . .	38,413 00	
Outside electric lighting (farm group), . . . . .	800 00	
Quarry, . . . . .	450 00	
		\$70,826 00
Buildings:—		
Original buildings, . . . . .	\$39,620 00	
Buildings (under appropriation 1895), . . . . .	84,800 00	
Buildings (under appropriation 1899), . . . . .	86,600 00	
Nurses' home } (under appropriation 1902),	26,345 00	
Electric building }		
Boiler house (under appropriation 1900), . . . . .	5,050 00	
Laundry (under appropriation 1901), . . . . .	9,500 00	
Greenhouse, . . . . .	2,400 00	
Farm group (under appropriation 1903), viz.:—		
Nos. 1 and 2, . . . . .	27,957 52	
No. 3, . . . . .	6,248 38	
Barns, . . . . .	2,827 97	
Farm cottage (under appropriation 1901), . . . . .	800 00	
Vegetable cellar, . . . . .	1,463 19	
New building for men, . . . . .	8,160 34	
		301,772 40
Amount carried forward, . . . . .		\$372,598 40



<i>Amount brought forward,</i> . . . . .		\$372,598 40
Personal estate:—		
Live stock on farm, . . . . .	\$10,063 70	
Produce of the farm on hand, . . . . .	7,258 36	
Carriages and agricultural implements, . . . . .	4,255 97	
Machinery and mechanical fixtures, . . . . .	44,936 82	
Beds and bedding in inmates' department, . . . . .	12,131 61	
Other furniture in inmates' department, . . . . .	19,642 89	
Personal property of State in administration building, . . . . .	6,762 34	
Personal property of State in employees' cottages, . . . . .	1,611 28	
Personal property of State in nurses' home, . . . . .	3,737 04	
Personal property of State in farm group No. 3, . . . . .	1,007 28	
Personal property of State in greenhouse, . . . . .	751 87	
Ready-made clothing, . . . . .	2,110 61	
Dry goods, . . . . .	3,954 39	
Provisions and groceries, . . . . .	1,983 04	
Drugs and medicines, . . . . .	2,033 61	
Instruments and laboratory fittings, . . . . .	2,598 12	
Fuel, . . . . .	11,788 50	
Library, . . . . .	700 00	
Other supplies undistributed, . . . . .	4,958 39	
		<hr/> 142,285 82
Total, . . . . .		\$514,884 22

## RECEIPTS.

Cash on hand Oct. 1, 1904, . . . . .		\$3,316 99
Received from State on special appropriations:—		
Nurses' home, 1902, . . . . .	\$23 80	
Repairs and alterations old buildings, 1903, . . . . .	16 07	
New buildings, 1903, . . . . .	1 45	
Water, sewerage and outside lighting, 1903, . . . . .	774 37	
Repairs and improvements, 1904, . . . . .	5,219 68	
New building, 1905, . . . . .	8,160 34	
Furnishing new building, 1905, . . . . .	233 66	
Total from appropriations, . . . . .		<hr/> 14,429 37
Received from State for maintenance, . . . . .	\$113,135 20	
Received from towns for support of patients, . . . . .	26,348 61	
Received from individuals for support of patients, . . . . .	6,205 61	
Received from soldiers' relief for support of patients, . . . . .	169 46	
Received from reimbursements for support of patients, . . . . .	989 91	
		<hr/>
<i>Amounts carried forward,</i> . . . . .	\$146,848 79	\$17,746 36

*Amounts brought forward,* . . . . \$146,848 79 \$17,746 36

Received from Board of Insanity and Board of

Charity, for support of patients, . . . .	79 25
Received from interest on bank deposit, . . . .	136 80
Received from farm and farm produce, . . . .	208 85
Received from store, . . . . .	633 04
Received from barrels, junk and sundries, . . . .	402 62
Received from advance money, State Treasurer, . . . .	5,000 00

153,309 35

Total receipts, . . . . . \$171,055 71

EXPENDITURES.

Salaries, wages and labor, . . . . . \$45,168 71

Food : —

Butter, . . . . .	\$4,508 36
Beans, . . . . .	77 13
Bread and crackers, . . . . .	270 76
Cereals, rice, meal, etc., . . . . .	780 09
Cheese, . . . . .	66 88
Eggs, . . . . .	1,908 55
Flour, . . . . .	4,239 69
Fish, . . . . .	1,132 53
Dried and fresh fruit, . . . . .	943 84
Meats, . . . . .	6,497 55
Milk, . . . . .	143 02
Molasses and syrup, . . . . .	473 18
Sugar, . . . . .	2,100 51
Tea, coffee, broma and cocoa, . . . . .	367 23
Vegetables, . . . . .	1,901 88
Sundries, . . . . .	719 37

26,130 57

Clothing and clothing material : —

Boots, shoes and rubbers, . . . . .	\$255 84
Clothing, . . . . .	995 94
Dry goods for clothing and small wares, . . . . .	1,801 44
Furnishing goods, . . . . .	37 38
Hats and caps, . . . . .	44 25
Leather and shoe findings, . . . . .	690 22
Sundries, . . . . .	1 08

3,826 15

Furnishings : —

Beds, bedding, table linen, etc., . . . . .	\$2,405 09
Brushes, brooms, etc., . . . . .	213 47
Carpets, rugs, etc., . . . . .	1,145 02
Crockery, glassware, cutlery, etc., . . . . .	636 45
Furniture and upholstery, . . . . .	1,290 17

*Amounts carried forward,* . . . . \$5,690 20 \$75,125 43

<i>Amounts brought forward,</i>	\$5,690 20	\$75,125 43
Kitchen furnishings,	268 46	
Woodenware, buckets, pails, etc.,	249 16	
Sundries,	51 40	
		6,259 22
Heat, light and power:—		
Coal,	\$9,752 63	
Electricity,	428 61	
Gas,	366 77	
Oil,	296 25	
Sundries,	46 83	
		10,891 09
Repairs and improvements:—		
Brick,	\$162 00	
Cement, lime and plaster,	331 90	
Doors, sashes, etc.,	491 45	
Electrical work and supplies,	71 88	
Hardware,	992 44	
Lumber,	721 42	
Machinery, etc.,	75 62	
Paints, oil, glass, etc.,	1,733 47	
Plumbing, steam fitting and supplies,	2,306 18	
Roofing and materials,	7 16	
Mechanics and laborers (not on pay roll),	231 03	
Sundries,	189 17	
		7,313 72
Miscellaneous:—		
Books, periodicals, etc.,	\$396 62	
Chapel services and entertainments,	828 32	
Freight, expressage and transportation,	1,152 05	
Funeral expenses,	52 75	
Gratuities,	6 20	
Hose, etc.,	285 94	
Labor (not on pay roll),	46 50	
Medicines and hospital supplies,	2,461 93	
Postage,	236 40	
Printing and printing supplies,	211 43	
Return of runaways,	15 00	
Soap and laundry supplies,	612 81	
Stationery and office supplies,	325 46	
School books and school supplies,	11 39	
Travel and expenses (officials),	463 93	
Telephone and telegraph,	165 45	
Tobacco,	514 91	
Water,	955 49	
Sundries,	584 81	
		9,327 39
<i>Amount carried forward,</i>		\$108,916 85

*Amount brought forward,* . . . . . \$108,916 85

Farm, stable and grounds: —

Blacksmith and supplies, . . . . .	\$344 06	
Carriages, wagons, etc., and repairs, . . . . .	528 49	
Fertilizers, vines, seeds, etc., . . . . .	587 76	
Hay, grain, etc., . . . . .	3,602 17	
Harness and repairs, . . . . .	129 60	
Cows, . . . . .	160 30	
Other live stock, . . . . .	15 00	
Labor (not on pay roll), . . . . .	625 62	
Rent, . . . . .	40 00	
Tools, farm machines, etc., . . . . .	595 07	
Sundries, . . . . .	145 31	
		6,773 38

Total expenses for maintenance, . . . . .	\$115,690 23
Other expenses on special appropriations, . . . . .	14,429 37
Paid State Treasurer, . . . . .	38,092 42
Expenses account of patients, . . . . .	26 97

Total expenditures, . . . . .	\$168,238 99
Cash on hand Sept. 30, 1905, . . . . .	2,816 72

\$171,055 71

#### RESOURCES.

Cash on hand, . . . . .	\$2,816 72	
Balance for maintenance with State Treasurer, . . . . .	29,940 15	
Bills receivable for board, . . . . .	9,297 78	
Other bills receivable, . . . . .	87 64	
Unexpended special appropriations, . . . . .	72,347 81	
Patients' funds on deposit, . . . . .	417 01	
Nurses' training school fund, . . . . .	24 27	
Expenses account of patients, . . . . .	46 55	
		\$114,977 93

#### LIABILITIES.

Salaries unpaid, . . . . .	\$3,851 27	
Miscellaneous bills, . . . . .	2,563 07	
Patients' funds, . . . . .	417 01	
Nurses' training school fund, . . . . .	24 27	
		6,855 62

\$108,122 31

Dividing the total expenditures for maintenance (\$115,690.23) by the average number of patients (490.23) shows an annual cost per patient of . . . . .

\$237 83

Equivalent to an average weekly cost of . . . . .

4 56



*Statement of Appropriations.*

	Amount.	Expended previously.	Expended this Year.	Balance Available.
Nurses' home, . . . . .	\$20,000 00	\$19,976 20	\$23 80	-
Repairs, furnishings, etc., . . . .	4,000 00	3,983 93	16 07	-
New buildings and furnishings, . . .	30,000 00	29,998 55	1 45	-
Water, sewage and lighting, . . . .	6,000 00	5,225 63	774 37	-
Repairs and improvements, . . . .	9,640 00	3,678 51	5,219 68	\$741 81
New building, 1905, . . . . .	75,000 00	-	8,160 34	66,839 66
Furnishing new building, . . . . .	5,000 00	-	233 66	4,766 34
	<u>\$149,640 00</u>	<u>\$62,862 82</u>	<u>\$14,429 37</u>	<u>\$72,347 81</u>

CHAS. B. FISKE,  
*Treasurer.*

I have compared the treasurer's statement of receipts and disbursements for the year ending Sept. 30, 1905, with the books kept at the institution, and find them to agree. Receipts for board, care, etc., to the amount of \$38,092.42, have been turned in to the State Treasurer, for which his vouchers are on file. The cash account is correctly cast, and shows funds in the hands of the treasurer as follows:—

Money belonging to patients, . . . . .	\$417 01
Nurses' training school fund, . . . . .	24 27
Balance, . . . . .	2,816 72
	<u>\$3,258 00</u>

Deposited in Palmer National Bank, . . . . .	\$1,753 88
Cash vouchers not entered, . . . . .	1,046 27
Cash in safe at hospital, . . . . .	457 85
	<u>\$3,258 00</u>

GEORGE L. CLARK,  
*Auditor of Accounts.*

OCT. 17, 1905.



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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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# 1. — General Statistics for the Year.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1904,									
Admitted within the year,	127	131	258	110	91	201	237	222	459
Viz.: by commitment,	33	24	57	60	42	102	93	66	159
by transfer,	26	15	41	50	41	91	76	56	132
from escape,	1	8	9	-	-	-	1	8	9
from visit,	2	-	2	3	-	3	5	-	5 <sup>1</sup>
Whole number of cases within the year,	4	1	5	7	1	8	11	2	13 <sup>1</sup>
Dismissed within the year,	160	155	315	170	133	303	330	288	618
Discharged,	19	15	34	43	20	63	62	35	97
as recovered,	4	5	9	29	6	35	33	11	44
as much improved,	1	-	1	-	-	-	1	-	1
as improved,	1	-	1	12	-	12	13	-	13
as not improved,	2	3	5	8	2	10	10	5	15
Died,	-	2	2	9	4	13	9	6	15
Transferred,	7	6	13	5	6	11	12	12	24
Escaped,	2	2	4	-	-	-	2	2	4
On visit Oct. 1, 1905,	1	-	1	2	-	2	3	-	3
Patients remaining Sept. 30, 1905,	5	2	7	7	8	15	12	10	22
Viz.: State patients,	141	140	281	127	113	240	268	253	521
town patients,	138	136	274	28	29	57	166	165	331
private patients,	-	-	-	82	78	160	82	78	160
Number of different persons within the year,	3	4	7	17	6	23	20	10	30
Number of different persons admitted,	159	155	314	166	132	298	323	287	610 <sup>2</sup>
Number of different persons admitted by commitment,	82	24	56	56	41	97	86	65	151
Daily average number of patients,	26	15	41	47	41	88	72	56	128
Viz.: State patients,	136.09	138.65	274.74	117.10	98.39	215.49	253.19	237.04	490.23
town patients,	133.23	134.65	267.88	20.51	17.29	37.80	153.74	151.94	305.68
private patients,	2.86	4	6.86	81.49	76.26	157.75	81.49	76.26	157.75
				15.1	4.84	19.94	17.96	8.84	26.80

<sup>1</sup> Nominally admitted to discharge: insane: males, 3; females, 0; total, 3; sane: males, 7; females, 1; total, 8.

<sup>2</sup> Two males admitted as sane and readmitted as insane within the year.

2. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . .	18	12	30	38	39	77	56	51	107
Second to this hospital, . .	5	3	8	9	1	10	14	4	18
Third to this hospital, . .	3	—	3	3	1	4	6	1	7
Total cases, . . . .	26	15	41	50	41	91	76	56	132
Total persons, . . . .	26	15	41	46	41	87	72	56	128
First admitted to any hospital,	11	7	18	36	36	72	47	43	90



4. — *Residence of Persons admitted by Commitment.*

COUNTIES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Berkshire, . . . . .	-	-	-	2	-	2	2	-	2
Bristol, . . . . .	-	-	-	-	3	3	-	3	3
Essex, . . . . .	-	-	-	5	4	9	5	4	9
Franklin, . . . . .	-	2	2	1	1	2	1	3	4
Hampden, . . . . .	2	3	5	6	5	11	8	8	16
Hampshire, . . . . .	3	1	4	1	-	1	4	1	5
Middlesex, . . . . .	1	1	2	11	6	17	12	7	19
Norfolk, . . . . .	-	-	-	-	3	3	-	3	3
Plymouth, . . . . .	-	-	-	1	2	3	1	2	3
Suffolk, . . . . .	13	3	16	13	14	27	26	17	43
Worcester, . . . . .	7	5	12	6	3	9	13	8	21
Totals, . . . . .	26	15	41	46	41	87	72	56	128
Cities or towns (10,000 or over),	14	4	18	40	28	68	54	32	86
Country districts (under 10,000),	12	11	23	6	13	19	18	24	42

5. — *Civil Condition of Persons first admitted to Any Hospital.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, . . . . .	8	4	12	23	31	54	31	35	66
Married, . . . . .	3	2	5	12	3	15	15	5	20
Widowed, . . . . .	-	1	1	1	2	3	1	3	4
Divorced, . . . . .	-	-	-	-	-	-	-	-	-
Unknown, . . . . .	-	-	-	-	-	-	-	-	-
Totals, . . . . .	11	7	18	36	36	72	47	43	90



## 6. — Occupations of Persons first admitted to Any Hospital.

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Barbers, . . .	—	2	2	Section hand, . . .	—	1	1
Bookkeeper, . . .	—	1	1	Shipper, . . .	1	—	1
Carpenters, . . .	1	4	5	Stone cutter, . . .	—	1	1
Engineer, . . .	1	—	1	Student, . . .	1	—	1
Farmer, . . .	—	1	1	Teamster, . . .	—	1	1
Fisherman, . . .	—	1	1	Timekeeper, . . .	—	1	1
Laborers, . . .	2	6	8	No occupation, . . .	4	4	8
Machinist, . . .	—	1	1				
Mechanics, . . .	—	2	2	Totals, . . .	11	31	42
Operatives, . . .	1	2	3	Unknown, . . .	—	5	5
Painter, . . .	—	1	1				
Printer, . . .	—	1	1	Totals, . . .	11	36	47
Restaurateur, . . .	—	1	1				

## FEMALES.

Domestics, . . .	2	6	8	Seamstress, . . .	—	1	1
Housekeeper, . . .	1	—	1	No occupation, . . .	2	14	16
Housewives, . . .	1	1	2				
Operatives, . . .	1	8	9	Totals, . . .	7	32	39
Photographer's assistant, . . .	—	1	1	Unknown, . . .	—	4	4
Scholar, . . .	—	1	1				
				Totals, . . .	7	36	43

## WIFE OR DAUGHTER OF—

Bartenders, . . .	1	1	2	Operatives, . . .	2	5	7
Blacksmith, . . .	—	1	1	Physician, . . .	—	1	1
Building mover, . . .	—	1	1	Salesman, . . .	—	1	1
Carpenters, . . .	1	5	6	Saloon keeper, . . .	—	1	1
Farmers, . . .	—	3	3	Sea captain, . . .	—	1	1
Laborers, . . .	—	3	3	Shoemaker, . . .	—	1	1
Laundryman, . . .	—	1	1	Tailor, . . .	1	—	1
Machinist, . . .	—	1	1				
Mechanic, . . .	—	1	1	Totals, . . .	5	28	33
Minister, . . .	—	1	1				

## 7.—Ages of Epileptics at First Attack, Admission and Death.

## INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK OF INSANITY.			WHEN ADMITTED.			AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .												
15 years and less, . . . . .												
From 15 to 20 years, . . . . .												
20 to 25 years, . . . . .												
25 to 30 years, . . . . .												
30 to 35 years, . . . . .												
35 to 40 years, . . . . .												
40 to 50 years, . . . . .												
50 to 60 years, . . . . .												
60 to 70 years, . . . . .												
70 to 80 years, . . . . .												
80 to 90 years, . . . . .												
Totals, . . . . .	11	7	18	11	7	18	7	6	13	6	6	13
Unknown, . . . . .												
Total persons, . . . . .	11	7	18	11	7	18	7	6	13	7	6	13
Mean known ages, . . . . .	31.81	26.78	29.86	32.27	29.28	31.11	22.5	34.16	27.73	18.33	36.83	32.36

7. — *Ages of Epileptics at First Attack, Admission and Death — Concluded.*  
SAME.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			DIED.		
	AT FIRST ATTACK OF EPILEPSY.		WHEN ADMITTED.	AT FIRST ATTACK OF EPILEPSY.		AT TIME OF DEATH.
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	3	2	5	1	1	2
15 years and less, . . . . .	12	20	32	1	5	6
From 15 to 20 years, . . . . .	5	9	14	2	2	4
20 to 25 years, . . . . .	1	2	3	1	1	2
25 to 30 years, . . . . .	4	—	4	—	—	—
30 to 35 years, . . . . .	2	2	4	—	—	—
35 to 40 years, . . . . .	1	—	1	—	—	—
40 to 50 years, . . . . .	3	—	3	1	—	1
50 to 60 years, . . . . .	1	1	2	—	—	—
60 to 70 years, . . . . .	1	1	2	—	—	—
70 to 80 years, . . . . .	1	—	1	—	—	—
80 to 90 years, . . . . .	—	—	—	—	—	—
Totals, . . . . .	33	36	69	5	6	11
Unknown, . . . . .	3	—	3	—	—	—
Total persons, . . . . .	36	36	72	5	6	11
Mean known ages, . . . . .	20.22	13.38	16.66	17.5	10	13.4
						36.66
						32.72

8. *Probable Causes of Epilepsy in Persons first admitted to Any Hospital.*

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical : —												
Childbirth, . . . .	-	2	2	-	1	1	-	-	-	-	-	-
Overeating, . . . .	1	-	1	1	-	1	-	-	-	-	-	-
Trauma, . . . . .	1	1	2	1	-	1	-	-	-	-	-	-
Typhoid fever, . . .	-	1	1	-	-	-	-	-	-	-	-	-
Mental : —												
Worry and excitement, . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Totals, . . . . .	2	5	7	2	1	3	-	-	-	-	-	-
Unknown, . . . . .	9	2	11	3	1	4	-	-	-	-	-	-
Totals, . . . . .	11	7	18	5	2	7	-	-	-	-	-	-
<i>Sane.</i>												
Physical : —												
Alcoholism, . . . .	2	-	2	-	-	-	-	-	-	2	-	2
Apoplexy, . . . . .	1	1	2	1	1	2	-	-	-	-	-	-
Cold bath, . . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Losing arm, . . . . .	1	-	1	1	-	1	-	-	-	-	-	-
Malaria, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-
Overeating, . . . . .	-	2	2	-	1	1	-	-	-	-	-	-
Overwork, . . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Senility, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-
Strain, . . . . .	2	-	2	-	-	-	-	-	-	-	-	-
Teething, . . . . .	-	2	2	-	-	-	-	-	-	-	-	-
Trauma, . . . . .	3	3	6	-	-	-	-	-	-	-	-	-
Tumor of the brain, .	-	1	1	-	-	-	-	-	-	-	-	-
Worms, . . . . .	-	1	1	-	-	-	-	-	-	-	-	-
Mental : —												
Fright, . . . . .	1	3	4	-	-	-	-	-	-	-	-	-
Grief, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-
Overstudy, . . . . .	1	-	1	-	-	-	-	-	-	-	-	-
Totals, . . . . .	14	15	29	2	2	4	-	-	-	2	-	2
Unknown, . . . . .	22	21	43	2	4	6	-	-	-	1	-	1
Totals, . . . . .	36	36	72	4	6	10	-	-	-	3	-	3
Aggregates, . . . .	16	20	36	4	3	7	-	-	-	2	-	2
Unknown, . . . . .	31	23	54	5	5	10	-	-	-	1	-	1
Aggregates, . . . .	47	43	90	9	8	17	-	-	-	3	-	3



9. — *Probable Duration of Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.										TOTALS.	
	INSANE.					SANE.					EPILEPSY.	
	INSANITY.			EPILEPSY.			EPILEPSY.				EPILEPSY.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	2	1	3	—	—	—	—	—	—	—	—	—
3 to 6 months, . . . . .	5	1	6	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	3	5	8	—	—	—	—	—	—	—	—	—
1 to 2 years, . . . . .	—	—	—	—	—	—	5	6	11	5	6	11
2 to 5 years, . . . . .	—	—	—	—	1	1	9	2	11	9	3	12
5 to 10 years, . . . . .	—	—	—	2	2	4	4	10	14	6	12	18
10 to 20 years, . . . . .	—	—	—	6	3	9	9	10	19	15	13	28
Over 20 years, . . . . .	—	—	—	3	—	3	6	8	14	9	8	17
Totals, . . . . .	11	7	18	11	6	17	33	36	69	44	42	86
Unknown, . . . . .	—	—	—	—	1	1	3	—	3	3	1	4
Totals, . . . . .	11	7	18	11	7	18	36	36	72	47	43	90
Average known duration in years, . . . . .	.378	.511	.433	17	10.58	13.91	11.24	12.38	11.84	12.61	12.13	12.41

10. — Discharges, classified by Admission and Result as to Epilepsy and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —																		
First to this hospital, .	1	—	1	1	—	1	1	3	4	—	2	2	6	4	10	9	9	18
Second to this hospital,	—	—	—	—	—	—	1	—	1	—	—	—	1	2	3	2	2	4
Third to this hospital,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total cases, .	1	—	1	1	—	1	2	3	5	—	2	2	7	6	13	11	11	22
Total persons, .	1	—	1	1	—	1	2	3	5	—	2	2	7	6	13	11	11	22
First admitted to any hospital,	—	—	—	1	—	1	1	2	3	—	—	—	2	1	3	4	3	7
B. — Sane epileptics : —																		
First to this hospital, .	—	—	—	11	—	11	8	2	10	7	4	11	5	6	11	31	12	43
Second to this hospital,	—	—	—	1	—	1	—	—	—	2	—	2	—	—	—	3	—	3
Third to this hospital,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total cases, .	—	—	—	12	—	12	8	2	10	9	4	13	5	6	11	34	12	46
Total persons, .	—	—	—	12	—	12	8	2	10	9	4	13	5	6	11	34	12	46
First admitted to any hospital,	—	—	—	10	—	10	8	2	10	7	4	11	5	6	11	30	12	42

*11. — Causes of Death.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system : —									
Cerebral hemorrhage, .	—	1	1	1	1	2	1	2	3
Épilepsy, . . . . .	3	—	3	2	—	2	5	—	5
Exhaustion from epilepsy,	1	—	1	1	—	1	2	—	2
Status epilepticus, . .	1	1	2	1	1	2	2	2	4
Circulatory system : —									
Acute dilatation of aorta,	—	1	1	—	—	—	—	1	1
Chronic endocarditis, .	—	1	1	—	—	—	—	1	1
Mitral stenosis, . . .	—	—	—	—	1	1	—	1	1
Respiratory system : —									
Apoplexy pulmonary, .	—	1	1	—	—	—	—	1	1
Broncho-pneumonia, .	—	1	1	—	—	—	—	1	1
Hemorrhage, pulmonary (tuberculosis, pulmo- nary), . . . . .	1	—	1	—	—	—	1	—	1
Tuberculosis, pulmonary,	1	—	1	—	2	2	1	2	3
General : —									
Diabetes mellitus, . . .	—	—	—	—	1	1	—	1	1
Totals, . . . . .	7	6	13	5	6	11	12	12	24

12. — Deaths, classified by Duration of Disease and Treatment.  
INSANE.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.														
	DURATION BEFORE ADMISSION.					HOSPITAL RESIDENCE.					WHOLE DURATION OF ATTACK.					WHOLE KNOWN PERIOD OF DISEASE.					WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.				
	INSANITY.		EPILEPSY.			Totals.	Males.	Females.	Totals.	INSANITY.		EPILEPSY.			Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.				
	Males.	Females.	Males.	Females.	Males.					Females.	Males.	Females.													
	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
Congenital,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
Under 1 month,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
From 1 to 3 months,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
3 to 6 months,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
6 to 12 months,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
1 to 2 years,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
2 to 5 years,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
5 to 10 years,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
10 to 20 years,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
Over 20 years,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
Totals,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
Unknown, .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
Totals, .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
Average of known cases in months,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			





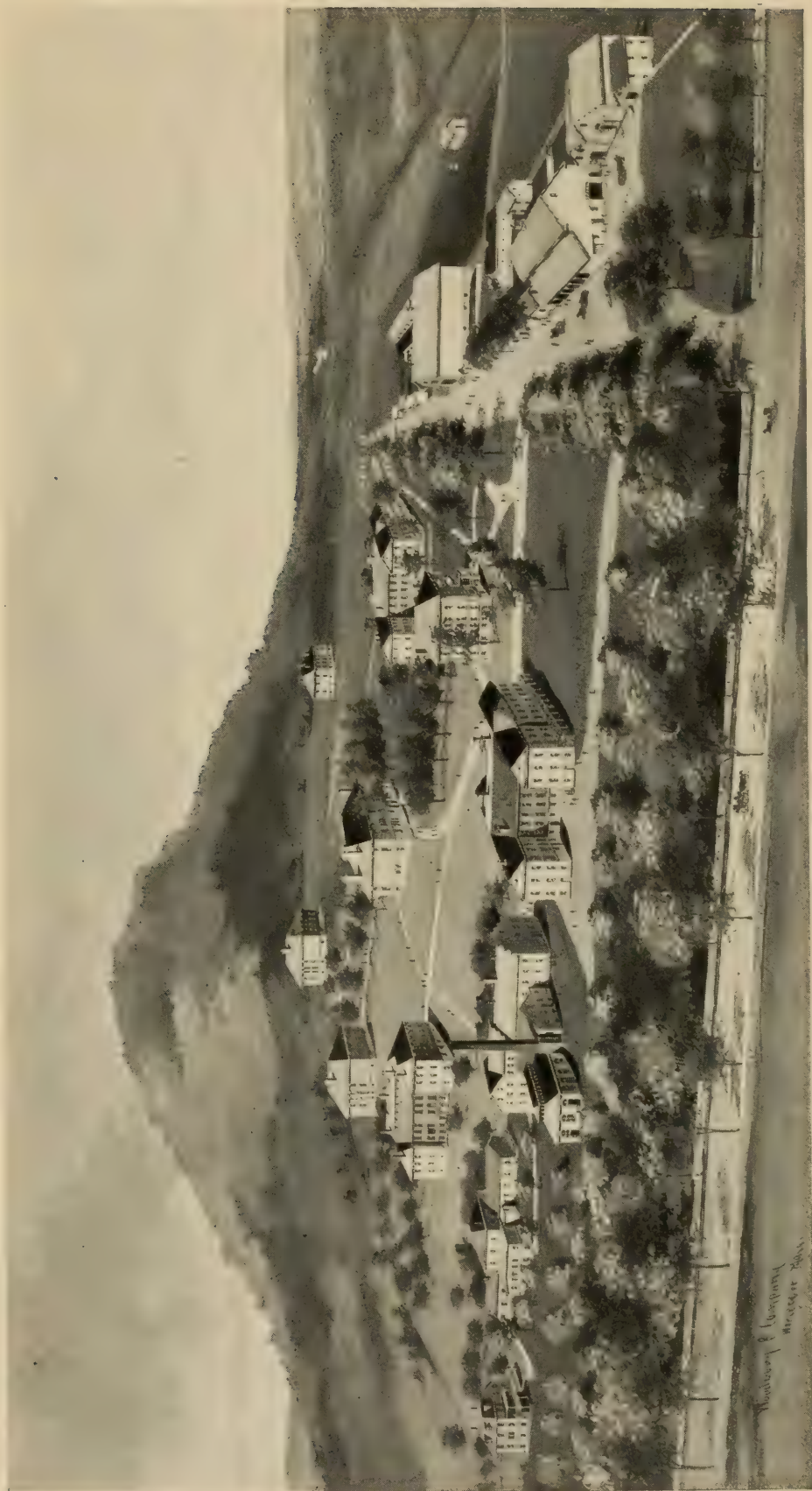












BIRD'S-EYE VIEW OF THE MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE

FOURTEEN MONTHS ENDING NOVEMBER 30, 1906.



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OF THE

## MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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DR. E. G. BRACKETT,	Consulting Orthopedic Surgeon.
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# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and Honorable Council.*

The following report of the trustees of the Massachusetts Hospital for Epileptics at Monson, for the period extending from Sept. 30, 1905, to Nov. 30, 1906, is respectfully submitted. (See Acts of 1905, chapter 211.)

The membership of the Board of Trustees for this period has remained unchanged, the Governor having reappointed Dr. W. W. Scofield of Dalton on the expiration of his previous term of service, and his appointment having been duly confirmed by the Council.

In November, 1905, Dr. Arthur O. Morton, assistant physician, resigned in order to engage in private practice. His retirement was a real loss to the hospital, as he had been connected with it for seven years, had grown up with the institution, and had shown himself peculiarly fitted in mind and character for the duties required in his position. It was with great regret that the trustees accepted his resignation.

In February, 1906, Dr. Alden V. Cooper and Dr. Charles A. Davis were appointed assistant physicians. In September, 1906, Dr. Davis resigned to go into private practice.

By vote of the Board, Nov. 8, 1906, Dr. E. G. Brackett was appointed consulting orthopedic surgeon.

The treasurer, Mr. Charles B. Fiske of Palmer, has resigned on account of ill health, his resignation to take effect on the appointment of his successor. In November Mr. Walter C. Lang was appointed to the position of clerk and treasurer.

The number of patients in the hospital on Sept. 30, 1905, was 268 males, 253 females, total 521; the number on Sept. 30, 1906, was 283 males, 248 females, total 531; the number on Nov. 30, 1906, was 292 males, 251 females, total 543.

On account of the overcrowding, 25 women were transferred in February, by the State Board of Insanity, to the Worcester Insane Asylum. The overcrowding on the men's side can now be relieved by the occupation of the new building for men, which has room for 100.

The special appropriations granted by the Legislature during this year have been: building for 100 women, including furnishing, \$80,000; stone crusher, \$2,000.

This building is essentially similar to the one just built for the men, and is intended especially for those patients who are most troublesome and most in need of care and restraint.

The stone crusher has been arranged for and will be ready for use in the spring.

The appropriation for current expenses in 1906 was \$128,-783.89, based on an estimate of an average number of patients, 580, at \$4.50 per head, and the deficiency appropriation of \$3,448.89.

In common with the other State hospitals, the eight-hour law passed by the Legislature has affected us more or less seriously. The superintendent reports that it has added at least \$100 per month directly to the salaries and wages, as well as adding indirectly to the cost of food and maintenance of employees, so that not less than \$1,500 will thus be added to our annual expenses. As no consideration of this was apparently made by the Legislature when the bill was passed, and as no provision was made to meet such extra expense, it would seem proper to draw the attention of the authorities to this occurrence. Either a sufficient sum for extra and contingent expenses should be appropriated in the current expense account each year, or, whenever a law is passed necessitating increased expense, provision for the payment of such expense should be made. Unless one of these things is done, no accurate estimate can be returned.

The special appropriations to be asked for this year are as follows:

Removing old buildings and laying new foundations for them,	\$8,500
Constructing silos,	1,100
Alterations in old buildings, purchase and erection of feed water heater and bakery machinery, and minor improvements,	3,400
Horse stable,	6,000
	<hr/>
	\$19,000

We do not desire to push forward too rapidly, nor do we deem it wise or businesslike to ask for anything whatever, unless after due consideration it is apparent that it is really needed for the welfare and progress of the institution, or that it will be a measure of economy. It is, however, often advisable to spend a larger sum at one time in order to perfect or install a plant which will bring about an annual saving for many years rather than to pay a smaller sum frequently.

In their report for 1905 the State Board of Insanity has advised the reduction of the age limit for patients in this institution. The Board of Trustees strongly favor it, and are unanimously of the opinion that it is a wise and beneficial measure.

During the past year the new building, to contain room for 100 male patients of the more excited and disturbed classes, has been completed and furnished. Patients are being placed therein gradually, and we expect that it will shortly be filled.

The new building for women, for which the appropriation was granted this year, has been begun and the walls are partially built.

These two buildings promise to be of great importance to the institution, not only in permitting us to care for a larger number of patients, but in simplifying our classification and in removing many obstacles in the way of an easy administration. The difficulties of management when different classes have to be treated together and the same rules made to apply to all are very great. The elimination of the more troublesome and dangerous is of the greatest benefit, both to themselves and to others who can safely be afforded greater privileges.

Many small repairs and improvements in the building and plant have been made this year. Such are always required in any progressive institution in order to enable it to keep in proper condition and up to date. Among these we may men-



tion the replacing of the wooden steam pipe conduits with tile and the thorough insulation or covering of the pipes so as to prevent any avoidable loss of heat, extensive repairs in the coal shed, better construction of catch basins, and the covering of the lockers with iron to make them fireproof. Especially we would state here that we have made very cheaply certain "balcony rooms," or enclosed spaces, on the balconies of M and O cottages, for the purpose of isolating the tuberculous patients and of enabling them to sleep out of doors if required. These arrangements are now sufficient for the proper care and isolation of the tuberculous, and at present a separate building for them is not needed.

During the past fourteen months there have been 42 deaths among the patients and only 17 autopsies. It is extremely important that as large a number of autopsies as possible should be obtained in order to increase our knowledge of the exact conditions occurring in this affection and to enable us to act more efficiently for its relief and cure. Our knowledge cannot be adequately advanced unless we can have the opportunities for proper examination and investigation. These examinations and investigations are not at all, as sometimes seems to be thought, for the benefit of the doctors or even for the institution. They are for the benefit of the public, of the citizens of the State as a whole, and more especially for those living under the affliction of this terrible disease. It is in their name and for their sakes that we demand and shall demand persistently and perseveringly the means to aid them, and attempt to combat, so far as we may, the ignorance and selfishness and stupidity which refuses to help one's neighbor at some sacrifice of personal feeling and prejudice.

We believe that such opposition to autopsies as exists is largely due to ignorance, rather than to uncharitableness, and we desire to spread knowledge on this subject among all those who dwell in this Commonwealth. It should not be forgotten, as regards the foreigners, that many of them come from countries where autopsies are required by law on any person dying in a public hospital, and that therefore such conditions are to them neither new nor unusual.

During the past year the Board has requested full reports



in writing from the superintendent in regard to certain subjects:—

1. The condition of the conducting steam pipes, and as to whether any (1) avoidable or (2) unavoidable loss of heat existed in them, and if so to what extent.

2. A full statement of the causes and conditions of the percentage rate of salaries, wages and labor, food, etc., in this hospital during the year ending Sept. 30, 1905.

We believe that it is advisable that full reports of this character should be made each year by the superintendent to the trustees on such subjects as the trustees may deem advisable, and that thorough and systematic investigation into the administrative problems can thus be accomplished with great benefit to the hospital.

WILLIAM N. BULLARD,

*For the Trustees.*

## SUPERINTENDENT'S REPORT.

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*To the Trustees of the Massachusetts Hospital for Epileptics.*

The following report is respectfully submitted.

The work of this hospital is unique in this State, and the one essential principle which must always indicate success or failure with patients as intelligent as the majority of ours should be whether or not we can, at proper cost, help them and their families and satisfy them to a reasonable degree.

All the usual difficulties and some new ones, such as the great scarcity, at seasons, of efficient helpers, have been experienced.

The routine daily work has become so established that no special mention need be made of it. It is well understood, and goes on from day to day with such variations as each season requires, with new duties felt and met as new conditions arise. I have detailed only a few of the circumstances as they seem to require notice.

The special appropriations for the year 1906 were, first, \$80,000 for a furnished building for 100 women. The building is now well under way and will be practically a duplicate of the men's building, recently completed and now occupied. This furnishes single rooms for a large percentage of its occupants and helps in our classification to a large degree. The second item is \$2,000 for a stone crusher and power.

Owing to the crowded conditions already existing, the new building will furnish room for about 60 additional patients, so that our attendance for the next year will not exceed an average of 600.

The appropriation which was so much needed for the removal and alteration of the barns was not passed last year. The need

and economy of the changes proposed will commend themselves to those who become fully familiar with the conditions. The result of this desired removal would be immediately helpful. Our work can then be carried on with one less hired man ; the amount of time consumed in going to and from work will be much lessened ; the care of the head farmer can be more directly applied at all times to all the stock. In cases of sickness prompt attention from him is of great importance, the life of an animal often depending upon quick and intelligent aid. I earnestly recommend a renewal of your request for an appropriation to bring about this removal.

Valuable work and instruction in dentistry were carried on by Dr. Cornelius H. Mack of Springfield during the entire summer. Our training class has derived much benefit from this teaching.

By the courtesy of the Board of Trustees of Danvers Hospital Dr. Hodskins had the privilege of spending four weeks in their pathological laboratory and wards under the instruction of Dr. E. E. Southard. Our thanks are due these officials, as well as to the superintendent, Dr. C. A. Page, for the valuable opportunities.

Dr. Hodskins' duties have been so modified that he has done more and more of the medical work and is now somewhat in the capacity of a medical director. He sees all the new cases and directs their treatment, attends in consultation with another assistant in all serious sickness, supervises the records and performs the autopsies. We attempt to thus provide for the thorough examination of all new cases and keep up a continuous care of all cases.

We have now boxes and cards for recording all disorders, and hope soon to have available complete and handy reference to any of these conditions. This will be worked up from the records in the cases of all previous admissions, and easily kept up to date in cases of all new patients.

The annual nurses' night has become a feature of our training school work. The guests from Monson and Palmer are kind critics and have manifested a very helpful interest in our work. Their presence and continued encouragement are much appreciated. The program for the last graduation is given



below, as an item of interest to your Board for permanent reference : —

Vocal selection and several piano selections.

Hot pack.

Administration of hypodermics.

Massage.

Essay.

Gastric lavage.

Bandaging.

Preparation of special diet.

Cold sheet bath.

Changing sheets.

Artificial respiration.

Bed making.

Address to class.   Lantern slides.

Refreshments.

The practice of sending nurses to assist in families has been continued and amounts to a system of district nursing. The doctors in the several villages of Palmer and Monson, as well as occasionally in Brimfield or Wales, request the attendance of a nurse from the hospital, and when possible we are always glad to comply, not only for the reason that this is a great help to the families but also because the nurse gets valuable experience.

The instruction given to our blind patients, three in number, has been continued during the year. This comes through the good offices of the Perkins Institute for the Blind and is a much appreciated favor.

A summary of the orthopedic work done by Dr. E. G. Brackett of Boston, whom you have appointed as consulting orthopedic surgeon, is given elsewhere.

Among our class of cases there are so many deformities, usually untreated, that their systematic correction is a distinct advance in a hospital of this kind.

By the will of Mrs. Ellen Humphreys, a patient here for several years, the hospital became a residuary legatee resulting in the small sum of \$48. This amount has been designated by your Board for shrubs and lawn decorations. The amount,



though small, is significant of a common impulse among the more appreciative patients to do something as a return for the benefits bestowed upon them.

On Jan. 22, 1906, Nathaniel Young obtained arsenic at the drug store in town, and during the day following he took sufficient of this to cause his death nineteen hours later. This patient was a sane admission. Even the sane cases are not allowed to go to town unattended. The rule is sometimes disregarded by paroled patients. When this is known the parole privilege is withdrawn. Epileptics as a rule are not despondent. Sometimes in a fit of passion a patient threatens to kill himself, though as yet no such threat has been carried out.

The possibilities for our children's school broaden year by year. The work done the last year was extremely creditable. The exercises on the closing day were by far the best we have ever had. With the improved conditions in our one school-room, though the room is still far from what we need, much good work can be done. The field has its discouraging elements. These have diminished rather than increased as we go on from year to year. In time our results will be satisfactory under the conditions to be met. I believe that the manual training by actual work in the shops or fields is already very fully accomplished for our present residents. This will need change and enlargement, probably new ground and new equipment, if the character or number of patients should change materially.

The work of our choir, in which, as a rule, one patient plays a cornet and another the piano, while of the fifteen persons who sing, often thirteen are patients, has been rather a noteworthy feature. Under the guidance of Miss Wentworth good results are attained. We have good music and those who participate are interested and instructed.

Among the extra medical work during the year should be noted the excellent work of Dr. Hodskins and Dr. G. A. Moore of Palmer on "Eye Strain in Epilepsy." The paper giving the investigation and results was read at the annual meeting of the New England Psychological Society, held in September at this hospital, and again in a revised form at the

annual meeting of the National Association for the Study of Epilepsy and the Care and Treatment of Epileptics, and will be published in the transactions of that association.

The principle of having our somewhat isolated groups, *e.g.*, Farm group with 80 men, Farm cottage with 19 men and the Green house with 10 men, has become sufficiently established to warrant a favorable opinion. These men have work and amusement separate so far as possible from the others, and acquire an interest in their own places which is often like their interest in their homes. With our nearer group of 100 men in the new men's north, a similar group of 100 women in the women's south, the group of 25 at Hyde cottage and the other divisions now in actual use, our classification has gained immensely in method. We are now in a position to arrange grades of the same kind in a much more satisfactory manner than ever before. While much is still lacking, the outlook is more encouraging as our plans become more materialized.

A summary of the principal lines of improvement is given as a memorandum. Only those items are noted which have added to the permanent value of the plant. The regular repairs have, of course, been kept up, to prevent deterioration, but these are not mentioned in detail. The reason for the improvements has been a clearly defined necessity in each case.

#### LIST OF THE PRINCIPAL IMPROVEMENTS CARRIED ON DURING THE LAST FEW YEARS.

Chair rail round many wards.

Moulding round many wards.

Catch-basins all over the roadways and grounds.

Water-closets in many basements.

Slop sinks in many basements.

Cement floors in many basements.

Sinks in basements.

Iron or plaster ceilings in several basement rooms.

Finish of basement rooms.

Painting of walls of rooms and wards.

Hose and fire extinguishers.

Awnings.

Water pipe where cement pipe was broken and a surplus for further use

Drain tile for surface drains.  
Repairing two dams and clearing out two ponds.  
Renewing floors in barn twice.  
Gutters and conductors on several roofs.  
Screens for doors and windows.  
Setting out thousands of trees.  
Replastering Hyde cottage and painting it.  
Renewing decayed floors and partitions in Hyde cottage.  
Renewing decayed floors and partitions in employees' cottage.  
Renewing decayed floors and partitions in cow barn.  
Building six hen houses from lumber of old sheds.  
Repairing damage done to land by high water in brook.  
Construction of trestle.  
Considerable labor of carpenters on new laundry.  
Running lines for telephone and light to Green house and Farm cottage.  
Grills for machines.  
Renewal of telephone.  
New culverts.  
Iron fire-escapes. Wire ladder fire-escapes.  
Hundreds of fly screens.  
Renewing often the floors of the uncovered piazzas.  
Fireproofing round elevators in attics. Fireproofing lockers and ceilings.  
Considerable work in final adaptation of rooms for dormitory purposes at Farm cottage and Green house.

#### ARTICLES WRITTEN.

1. Four lectures for training school (titles elsewhere).
2. The Relation of Eye Strain to Epilepsy.
3. Heredity in Epilepsy.
4. A Hospital Composite.
5. Spinal Cord Lesions in Epilepsy.
6. Heart Lesions in Epileptics.
7. What has been gained for the Epileptics?
8. Organic Epilepsy.
9. Address on Epilepsy to the students of Colby College.

#### AUTOPSIES AND FINDINGS.

*No. 893.* — Male. Autopsy, Nov. 24, 1905. Chronic lepto-meningitis of vertex; carcinoma of liver and ascites.

*No. 437.* — Female. Autopsy, Nov. 25, 1905. Kidneys cystic;



acute splenitis; uterine polyp; old fracture of right tibia and cystic degeneration of right ovary.

*No. 620.* — Female. Autopsy, Dec. 14, 1905. Pulmonary tuberculosis of the lungs, with necrosis and cavitation; cyst of right ovary.

*No. 1024.* — Female. Autopsy, Jan. 12, 1906. Arteriosclerosis of cerebral vessels; hypertrophy of heart; chronic gastritis; general arteriosclerosis; interstitial nephritis.

*No. 77.* — Female. Autopsy, Dec. 25, 1905. Hypertrophy and fatty degeneration of the heart; dilatation of aorta; kidneys fatty; gall bladder dilated. The interior showed chronic cholecystitis and numerous gall stones. Peritoneal adhesions and cystic degeneration of ovaries.

*No. 306.* — Female. Autopsy, Jan. 11, 1906. Autopsy limited to examination of cranial cavity. Arteriosclerosis of the cerebral vessels; endothelioma of dura.

*No. 399.* — Female. Autopsy, Feb. 7, 1906. Autopsy limited to the abdominal and thoracic cavities. Chronic cholecystitis and cystic degeneration of right ovary.

*No. 1133.* — Male. Autopsy, March 1, 1906. Hypostatic congestion of the lungs; acute internal hydrocephalus and cerebral cyst.

*No. 277.* — Male. Autopsy, March 22, 1906. Autopsy limited to examination of cranial cavity. Chronic lepto-meningitis of vertex.

*No. 874.* — Male. Autopsy, March 25, 1906. Gall bladder dilated. The interior showed chronic cholecystitis and contained fifty-five small gall stones; chronic gastritis; spleen fibrous; interstitial nephritis; heart hypertrophied; chronic endocarditis; general arteriosclerosis and chronic lepto-meningitis of the vertex.

*No. 280.* — Male. Autopsy, April 5, 1906. Hypostatic congestion of lungs.

*No. 314.* — Female. Autopsy, June 4, 1906. Moist gangrene of right foot; fatty heart; general arteriosclerosis; stenosis of aortic orifice; interstitial nephritis; old lepto-meningitis of vertex; small cyst of left choroid plexus; acute splenitis; cirrhotic liver; decubitus; old fracture of neck of right femur with impaction, and ankylosis of joint and pleuritic adhesions.

*No. 107.* — Male. Autopsy, Aug. 27, 1906. Stomach contents in bronchial tubes; chronic gastritis; chronic cholecystitis; chronic splenitis; chronic external pachy-meningitis and chronic lepto-meningitis of vertex.

*No. 96.* — Male. Autopsy, Sept. 3, 1906. Dilatation of heart; chronic endocarditis; arteriosclerosis of coronary arteries; general



arteriosclerosis; cystic kidneys; pulmonary edema; chronic gastritis; chronic lepto-meningitis of vertex; cyst of left choroid plexus and chronic splenitis.

*No. 229.* — Male. Autopsy, Oct. 14, 1906. Chronic lepto-meningitis of vertex and cystic left kidney.

*No. 1194.* — Female. Autopsy, Oct. 15, 1906. Chronic endocarditis; edema and hypostatic congestion of lungs; cirrhosis of liver; chronic nephritis; fibroids of uterus and fatty degeneration of ovaries; acute splenitis; ascites and general anasarca and lepto-meningitis of cortex.

*No. 464.* — Female. Autopsy, Oct. 23, 1906. Hypostatic congestion of the lungs; acute miliary tuberculosis; porencephalus; cerebral hemiatrophy; acute splenitis and chronic lepto-meningitis.

### OPERATIONS.

Two double ovariectomies.

One curetage.

One ventral suspension.

One herniotomy.

One incision of varicocele.

Five circumcisions.

One osteotomy.

One tendon transplantation.

One osteotomy and tenotomy.

One tenotomy.

One plastic operation on scalp.

### *Medical Lectures.*

DATE.	Name.	Subject.
<b>1906.</b>		
March 9,	Dr. Morgan B. Hodskins, .	Diseases of the Respiratory Organs.
March 16,	Dr. Frederick S. Ward, .	Typhoid Fever.
March 26,	Dr. Theodore S. Bacon, .	Emergencies.
April 2,	Dr. Herbert C. Emerson, .	Modes of Infection.
April 10,	Dr. Edward A. Kennedy, .	Diphtheria.
April 16,	Dr. Charles A. Davis, .	Erysipelas.
April 24,	Dr. Alden V. Cooper, .	Pneumonia.
May 5,	Dr. A. C. Getchell, .	Hygiene of the Respiratory Tract.
May 12,	Dr. J. I. Butler, .	Causes of Disease.
June 20,	Graduating exercises, .	Presentation of diplomas by Dr. Flood.

## CLERGYMEN WHO HAVE HELD SERVICES HERE.

Rev. Charles Olmstead.  
 Rev. N. M. Pratt.  
 Rev. Willis A. Moore.  
 Rev. Dr. J. S. Lemon.  
 Rev. C. J. Sniffen.  
 Rev. Franklin S. Hatch.

Rev. C. W. Williams.  
 Rev. Fr. Carey.  
 Rev. Fr. Lane.  
 Rev. Charles E. Hill.  
 Rev. L. L. Greene.  
 Rev. F. S. Brewer.

*Table showing Patients employed, and in What Way.*

	Males.	Females.
Industrial building, . . . . .	16	-
Administration building, . . . . .	2	3
Employees' cottage, . . . . .	2	8
Nurses' home, . . . . .	-	5
Sewing rooms, . . . . .	-	42
Dining rooms, . . . . .	5	7
Kitchen, . . . . .	15	31
Laundry, . . . . .	14	63
Ward work, . . . . .	94	66
Teaching, . . . . .	-	1
Music practice, . . . . .	-	1
Farm group, . . . . .	-	3
Barn, . . . . .	16	-
Carpenter, . . . . .	2	-
Farm, . . . . .	11	-
Greenhouse, . . . . .	16	-
Mason, . . . . .	1	-
Mending, . . . . .	1	-
Painter, . . . . .	7	-
Printer, . . . . .	2	-
On roads, . . . . .	29	-
With yard man, . . . . .	6	-
With engineer, . . . . .	2	-
Store, . . . . .	3	-
Lawn, . . . . .	3	-
Bakery, . . . . .	5	-
Music practice for assemblies, . . . . .	1	1
	253	231

*Gifts.*

NAME.	Residence.	Gift.
Mr. Edward E. Lynch, . . .	Woburn, . . .	Clothing.
Mrs. Mary P. Townsley, . . .	Springfield, . . .	Book.
Mr. William E. Flynt, . . .	Palmer, . . .	Magazines.

*Gifts — Concluded.*

NAME.	Residence.	Gift.
Miss Harriet Cushman, . . .	Monson, . . .	Papers.
Mr. Clarence E. Brown, . . .	Boston, . . .	Clothing.
The Purdue Frederick Com- pany.	New York, . . .	Glycerine tonic compound.
Mrs. Margaret Riordan, . . .	Walpole, . . .	Clothing.
Rev. William H. Hart, . . .	Palmer, . . .	Magazines, etc.
Mr. D. E. Marcy, . . .	Palmer, . . .	Books and magazines.
Dr. M. B. Hodskins, . . .	Palmer, . . .	Book.
Mrs. Helen M. Whitman, . . .	Medford, . . .	A gift.
Mrs. D. L. Bodfish, . . .	Palmer, . . .	Books and magazines.
Palmer "Journal" office, . . .	Palmer, . . .	Waste paper.
Miss Jessie R. Catlin, . . .	Palmer, . . .	Two pictures.
Mr. Arthur E. Fitch, . . .	Palmer, . . .	Magazines and papers.
Mrs. Anna F. Fuller, . . .	Palmer, . . .	Pieces for patchwork.
Parke, Davis & Co., . . .	New York, . . .	Acetozone, 2 ounces.
Mrs. C. Carpenter, . . .	Monson, . . .	Magazines and papers.
Simpson Bros., . . .	Boston, . . .	Bitumen.
Mrs. Emma C. Keen, . . .	Roxbury, . . .	Clothing.
Mr. Louis H. Fenn, . . .	Stockbridge, . . .	Clothing.
Miss Grace W. Pitts, . . .	Athol, . . .	Took 13 patients to Monson.
Mr. J. F. Holbrook, . . .	Palmer, . . .	Magazines.
Mr. Samuel Rogers, . . .	Palmer, . . .	Magazines and papers.
Hon. F. H. Gillett, . . .	Washington, D.C., . . .	Government seeds.
Mr. E. B. Taylor, . . .	Palmer, . . .	Magazines.
Mr. Stephen H. Wright, . . .	Palmer, . . .	Magazines and papers.
Mrs. T. O. Esten, . . .	Palmer, . . .	Magazines and papers.
Mrs. E. A. Gundersen, . . .	New Bedford, . . .	Clothing.
Dr. A. O. Morton, . . .	St. Albans, Vt., . . .	One set of books, 18 volumes.
Mr. Samuel Brown, . . .	Palmer, . . .	Magazines and papers.
Mrs. T. O. Esten, . . .	Palmer, . . .	Magazines and papers.
Mrs. E. F. Morris, . . .	Monson, . . .	Magazines.
Dr. William P. Spratling, . . .	Sonyea, N. Y., . . .	Transactions of National Associa- tion, 2 volumes.
Mrs. William S. Hyde, . . .	Ware, . . .	One picture and two books.
Eastern Hampden Agricul- tural Society.	Palmer, . . .	Admission of patients to fair.
Mr. J. D. Holbrook, . . .	Palmer, . . .	Magazines and papers.
Mr. E. B. Taylor, . . .	Palmer, . . .	Magazines.
Mr. George S. Jones, . . .	Boston, . . .	Magazines.
Mrs. J. D. Holbrook, . . .	Palmer, . . .	Magazines.
Mrs. Elizabeth N. Howard, . . .	Fall River, . . .	Clothing.

## AMUSEMENTS.

Dances, 47; masquerades, 2; dances and whist parties for employees, 4; sessions of dancing school, 30; readings and impersonations, 5; musicales, 4; cantata, 1; lecture, 1; illustrated lectures, 5; entertainment, legerdemain, 1; entertainment, silhouette cutting, 1; entertainment, farces, 1; entertainment, ventriloquism, 2; car rides, 3; excursions to fair, 8; excursions to Forest Lake, 12; excursions to Boston, 2.

Respectfully submitted,

EVERETT FLOOD,

*Superintendent.*



## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital are as follows : —

1. The regular insane commitment, such as is used at the insane hospitals.

2. The sane indigent; in this case the approval of a judge is required, in addition to the physicians' certificates and the notification of the town authorities.

3. The sane private, in which two sureties are required to sign the patient's application.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood, and can be complied with easily.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany Railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London northern division of the Central Vermont. The Ware River branch of the Boston & Albany Railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.70.

## ARTICLES MADE IN THE SEWING ROOM.

Overalls made, pairs, . . .	138	Trousers shortened, pairs, . . .	56
Swabs made, . . . . .	131	Table cloths repaired, . . .	3
Table cloths made, . . . .	74	Aprons repaired, . . . . .	23
Long nightshirts made, . . .	81	Laundry bags repaired, . . .	37
Short nightshirts made, . . .	69	Tray cloths repaired, . . . .	6
Aprons made, . . . . .	157	Dresses repaired, . . . . .	2
Undershirts made, . . . . .	266	Pillow cases repaired, . . . .	18
Rugs made, . . . . .	147	Blankets hemmed, . . . . .	12
Corset covers made, . . . .	134	Masquerade suits repaired, . .	8
Chemises made, . . . . .	80	Skirt shortened, . . . . .	1
Sash curtains made, . . . .	28	Undershirts cut, . . . . .	335
Portières made, pairs, . . .	4	Shirts cut, . . . . .	229
Rubber pillow covers made, .	9	Bibs cut, . . . . .	117
Rubber aprons made, . . . .	3	Mattress covers cut, . . . . .	64
Trousers made, pairs, . . . .	167	Suspenders cut, pairs, . . . .	248
Mattress covers made, . . . .	64	Pillow ticks cut, . . . . .	111
Shirts made, . . . . .	223	Nightshirts cut, . . . . .	160
Garters made, pairs, . . . .	178	Corset covers cut, . . . . .	140
Burial robes, . . . . .	14	Laundry bags cut, . . . . .	87
Hoods made, . . . . .	4	Mattress ticks cut, . . . . .	2
Bed covers made, . . . . .	1	Suspenders made, pairs, . . . .	248
Coats made, . . . . .	112	Vests made, . . . . .	95
Bed ticks made, . . . . .	2	Masquerade suits made, . . . .	6
Summer coats made, . . . . .	88	Laundry bags made, . . . . .	87
Sheets made, . . . . .	83	Rag bags made, . . . . .	6
Petticoats made, . . . . .	25	Bathing caps made, . . . . .	12
Mittens made, pairs, . . . .	114	Tea and coffee bags made, . . .	25
Mangle aprons made, . . . .	20	Long nightgowns made, . . . .	50
Dolls made and dressed, . . .	10	Short nightgowns made, . . . .	61
Drawers made, pairs, . . . .	227	Holders made, . . . . .	12
Mail bag made, . . . . .	1	Bag for flower seeds made, . . .	1
Curtains for registers, . . . .	8	Neckties made, . . . . .	12
Plasters for head, covered, . .	4	Bath towels made, . . . . .	95

Dish towels made, . . .	12	Stretchers made, . . .	4
Scrub towels made, . . .	12	Rugs repaired, . . .	9
Strainers made, . . .	18	Swords repaired, . . .	10
Sofa pillows made, . . .	8	Sheets repaired, . . .	6
Hot-water bottle covers made, . . .	6	Vests repaired, . . .	2
Pillow ticks made, . . .	92	Suspenders repaired, pairs, .	9
Stand covers made, . . .	25	Flags repaired, . . .	2
Pillow cases made, pair, .	1	Coats repaired, . . .	15
Gingham pillow cases made,	21	Sleeves lengthened, pairs, .	10
Cheese-cloth bags made, .	10	Window shades repaired, .	7
Bibs made, . . .	39	Towels repaired, . . .	24
Dentist towels made, . . .	144	Drawers cut, pairs, . . .	316
Napkins made, . . .	144	Mittens cut, pairs, . . .	28
Wrapper made, . . .	1	Aprons cut, . . .	216
Bed socks made, pairs, .	6	Burial robes cut, . . .	14
Camisole made, . . .	1	Hoods cut, . . .	4
Sand bags made, . . .	4	Nightgowns cut, . . .	125
Books covered, . . .	2	Chemises cut, . . .	110
Curtains for bookcases, .	8	Tea and coffee bags cut, .	25
		Rugs cut, . . .	6

## ARTICLES MADE AND REPAIRED IN THE WARDS.

MADE.			
Aprons, . . . . .	212	Dressing jackets, . . . . .	6
Autopsy gowns, . . . . .	4	Drawers, pairs, . . . . .	39
Bed socks, . . . . .	31	Dish towels, . . . . .	402
Blue coats, . . . . .	6	Kitchen aprons, . . . . .	15
Blanket, . . . . .	1	Mattress covers, . . . . .	62
Bands on drawers, pairs, . . . . .	6	Masquerade dresses, . . . . .	4
Bureau covers, . . . . .	19		
Button-holes in shirts, . . . . .	5	REPAIRED.	
Button-holes in coats, . . . . .	7	Coats, . . . . .	140
Button-holes in overalls, . . . . .	16	Bed ticks, . . . . .	2
Buttons on shirts, . . . . .	4	Bags, . . . . .	1
Buttons on coats, . . . . .	4	Bibs, . . . . .	1
Buttons on overalls, pairs, . . . . .	8	Drawers, pairs, . . . . .	150
Bookcase curtains, . . . . .	2	Frocks, . . . . .	44
Caps, . . . . .	13	Kitchen aprons, . . . . .	73
Cleaning cloths, . . . . .	113	Nightshirts, . . . . .	67
Coats, . . . . .	21	Overalls, pairs, . . . . .	103
Colored shirts, . . . . .	12	Overcoats, . . . . .	1
Corset covers, . . . . .	84	Trousers, pairs, . . . . .	125
Chemises, . . . . .	6	Undershirts, . . . . .	93
Dresses cut, . . . . .	2	Shirts, . . . . .	274
Dresses, . . . . .	320	Socks, pairs, . . . . .	5,043
Dresses made over, . . . . .	8	Union suits, . . . . .	3
Dress sleeves, . . . . .	35	Vests, . . . . .	18



## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOM.

Mittens made, . . . .	49	Suspenders repaired, . . .	16
Sheets made, . . . .	465	Operating chair repaired, .	1
Candy bags made, . . .	126	Stretchers eyeletted, . . .	2
Trousers made, . . . .	109	Barber chair repaired, . . .	1
Mattress covers made, . .	440	Easy chair upholstered, . .	1
Laundry bags made, . . .	39	Truss repaired, . . . .	1
Nightshirts made, . . . .	44	Whip repaired, . . . .	1
Petticoats made, . . . .	46	Couch beds repaired, . . .	2
Pillow tops made, . . . .	83	Suit case repaired, . . . .	1
Pillow slips made, . . . .	792	Men's shoes made, pairs, . .	283
Overalls made, . . . .	30	Women's shoes made, pairs, .	59
Rugs made, . . . .	43	Pillows filled, . . . .	285
Chemises made, . . . .	26	Office envelopes made, . . .	2,386
Scrub cloths made, . . . .	79	Postal cards printed, . . .	300
Drawers made, . . . .	23	Blanks printed, . . . .	82,710
Napkins made, . . . .	33	Programs printed, . . . .	1,300
Bibs made, . . . .	74	Numbers carved, . . . .	120
Coats made, . . . .	71	Woolen coats cut, . . . .	63
Vests made, . . . .	55	Woolen vests cut, . . . .	64
Aprons made, . . . .	154	Denim trousers cut, . . . .	96
Towels made, . . . .	2,045	Summer coats cut, . . . .	109
Blanket made, . . . .	1	Mittens cut, pairs, . . . .	321
Undershirts made, . . . .	30	Goat harness made, . . . .	1
Ties made, . . . .	15	Coat patterns drafted, . . .	67
Pillows renovated, . . . .	913	Trousers patterns drafted, . .	87
Sofa pillows filled, . . . .	9	Head marks for cemetery	
Parts of harness repaired, .	26	carved, . . . .	7
Mattresses remade, . . . .	80	Old broom handles sand-	
Hair picked, pounds, . . .	2,000	papared, . . . .	825
Books repaired, . . . .	3	Lectures, essays, specifica-	
Baskets repaired, . . . .	5	tions, rules, etc., printed, .	4,145
Stand repaired, . . . .	1	Trousers mended, . . . .	504

Coats mended, . . .	175	Screens repaired, . . .	22
Vests mended, . . .	85	Mops repaired, . . .	3
Aprons mended, . . .	134	Baseball mittens repaired, .	2
Drawers mended, . . .	650	Chair cushions repaired, .	2
Shirts mended, . . .	516	Tent repaired, . . .	1
Undershirts mended, . . .	769	Brushes repaired, . . .	2
Nightshirts mended, . . .	260	Wood baskets repaired, .	2
Overalls mended, . . .	115	Belts repaired, . . .	2
Jumpers mended, . . .	20	Hassock repaired, . . .	1
Dresses mended, . . .	13	Morris chair made over, .	1
Skirts mended, . . .	3	Golf stick repaired, . . .	1
Table covers mended, . . .	15	Strait-jacket eyeletted, .	1
Rug mended, . . .	1	Men's slippers made, pairs, .	261
Stockings mended, . . .	203	Rope rugs made, . . .	20
Bath robes mended, . . .	2	Mattresses made, . . .	85
Overcoats mended, . . .	29	Coat hangers made, . . .	174
Sweaters mended, . . .	5	Door plates carved, . . .	7
Laundry bags mended, . . .	7	Note heads printed, . . .	2,352
Gloves mended, . . .	2	Office envelopes printed,	
Mittens mended, . . .	2	boxes, . . .	3
Pillow slips mended, . . .	7	Plays printed, . . .	2
Bed ticks mended, . . .	9	Woolen trousers cut, . . .	106
Shoes repaired, . . .	1,514	Denim coats cut, . . .	90
Shoes marked, pairs, . . .	113	Denim vests, . . .	71
Umbrellas repaired, . . .	140	Overalls cut, . . .	164
Chairs repaired, . . .	3	Hammer handles made, .	2
Chairs reseatd, . . .	92	Checker board made, . . .	1
Rugs repaired, . . .	19	Vest patterns drafted, . . .	65

## FARM PRODUCTS

FROM OCT. 1, 1905, TO DEC. 1, 1906.

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Milk, 304,638 quarts, . . . . .	\$15,231 90
Hay, 250 tons, . . . . .	4,500 00
Meadow hay, 37 tons, . . . . .	370 00
Rowen hay, 39 tons, . . . . .	478 00
Oat hay, 5 tons, . . . . .	60 00
Ensilage, 300 tons, . . . . .	900 00
Green fodder, 44 tons, . . . . .	220 00
Rhubarb, 4,550 pounds, . . . . .	91 00
Lettuce, 506 heads, . . . . .	18 70
Green peas, 28½ bushels, . . . . .	39 25
Greens, 42 bushels, . . . . .	21 00
Sweet corn, 14,695 ears, . . . . .	146 95
Currants, 116 quarts, . . . . .	11 60
Beans, 33 bushels, . . . . .	33 00
Summer squash, 1,887 pounds, . . . . .	56 35
Winter squash, 6,388 pounds, . . . . .	111 77
Onions, 146½ bushels, . . . . .	146 50
Carrots, 363 bushels, . . . . .	181 50
Blackberries, 163 quarts, . . . . .	16 58
Ripe tomatoes, 138 bushels, . . . . .	138 00
Green tomatoes, 48 bushels, . . . . .	24 00
Cucumbers, 3,302, . . . . .	66 04
Cucumbers for pickles, 20½ bushels, . . . . .	30 75
Grapes, 250 pounds, . . . . .	5 00
Potatoes, 779 bushels, . . . . .	545 30
Beets, 196 bushels, . . . . .	124 54
Cabbage, 10,045 pounds, . . . . .	98 52
Turnips, 89½ bushels, . . . . .	45 60
Parsnips, 425 bushels, . . . . .	263 00
Pumpkins, 1,455 pounds, . . . . .	20 07
Broom corn, . . . . .	20 00
String beans, 49½ bushels, . . . . .	49 50
Peppers, 5 dozen, . . . . .	1 25
Pears, 35½ bushels, . . . . .	49 75
Peaches, ¼ bushel, . . . . .	50
Plums, 8 quarts, . . . . .	80

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*Amount carried forward,* . . . . . \$24,116 72

<i>Amount brought forward,</i>	\$24,116 72
Wood, 135 cords,	405 00
Crab apples, 2½ bushels,	2 50
Apples, 437 barrels,	671 00
Cider apples, 825 bushels,	66 00
Vinegar, 2,240 gallons,	336 00
Pork, 9,473½ pounds,	732 85
Lamb, 1,046 pounds,	126 30
Chickens, 10 pounds,	1 50
Ducks, 14 pounds,	1 68
Unrendered lard, 90 pounds,	7 77
Pigs sold, 144,	401 50
Cows, 2,	35 00
Calves sold, 38,	135 00
Wool sold, 266¼ pounds,	69 23
Sand, 358 loads,	35 80
Cabbage plants, 4½ dozen,	50
Tomato plants, 41 dozen,	6 15
Vegetables from greenhouse: —	
Cucumbers, 3,737,	404 80
Radishes, 3 bushels,	12 30
Greens, 21 bushels,	10 50
Lettuce, 15 bushels,	15 00
Spinach, 5 bushels,	5 00
Cabbage, 98 bushels,	49 00
Strawberries, 256 quarts,	32 00
Beans, 14 bushels,	7 00
Sweet corn, 1,092 ears,	10 92
Green peas, 7 bushels,	7 00
Summer squash, 60 pounds,	3 00
Ripe tomatoes, 9 bushels,	9 00
Green tomatoes, 6 bushels,	3 00
Cucumbers for pickles, 1 bushel,	1 50
Pumpkins, 162,	16 20
Cabbage plants sold, 100,	25
Tomato plants, 41½ dozen,	6 22
Cut flowers,	100 00
Peppers, 2 bushels,	2 00
Asparagus, 4 bushels,	8 00
Beets, 3½ bushels,	2 00
Watermelons, 3,	45
Citrons, 83,	4 15
Celery, 187 bunches,	28 05
Eggs, 258½ dozen,	72 38
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	\$27,960 22



## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

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Superintendent, per year, . . . . .	\$3,000 00
Assistant physician, per year, . . . . .	1,200 00
Assistant physicians (3), per year, . . . . .	600 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	600 00
Stenographer, per month, . . . . .	30 00
Office assistants (2), per month, . . . . .	20 00
Steward, per year, . . . . .	1,000 00
Drug clerk, per month, . . . . .	33 00
Supervisor (woman), per month, . . . . .	30 00
Assistant supervisors (women, 3), per month, . . . . .	\$25 00-28 00
Supervisor (man), without board, per month, . . . . .	50 00
Assistant supervisors (men, 2), per month, . . . . .	\$30 00-37 00
Night nurses (women, 6), per month, . . . . .	16 00-22 00
Nurses (women, 32), per month, . . . . .	16 00-24 00
Night nurses (men, 6), per month, . . . . .	23 00-27 00
Nurses (men, 27), per month, . . . . .	23 00-30 00
Engineer, per year, . . . . .	1,000 00
Assistant engineer, per month, . . . . .	50 00
Helper, per month, . . . . .	35 00
Firemen (5), per month, . . . . .	\$23 00-30 00
Baker, per month, . . . . .	48 68
Kitchen man, per month, . . . . .	\$23 00-27 00
Store assistants (2), per month, . . . . .	30 00-34 00
Cooks (5), per month, . . . . .	22 00-30 00
Assistant cooks (6), per month, . . . . .	16 00-18 00
Table girls (5), per month, . . . . .	16 00-18 00
Foreman industrial room, per month, . . . . .	45 00
Laundress, per month, . . . . .	25 00
Laundryman, per month, . . . . .	30 00
Assistant laundresses (6), per month, . . . . .	\$16 00-18 00

Farmer, per year, . . . . .	\$600 00
Assistant farmers (15), per month, . . . . .	\$20 00-30 00
Assistant farmer, without board, per month, . . . . .	50 00
Gardener, per month, . . . . .	28 00
Driver, per month, . . . . .	35 00
Head carpenter, per day, . . . . .	3 00
Assistant carpenters (2), per day, . . . . .	2 50
Painter, per day, . . . . .	2 25
Mason, per month, . . . . .	35 00

## TREASURER'S REPORT.

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*To the Trustees of the Massachusetts Hospital for Epileptics.*

The report of the finances of this hospital for the fourteen months ending Nov. 30, 1906, is herewith respectfully submitted : —

### ASSETS.

#### Real estate : —

Cultivated land, 113 acres, . . . . .	\$17,311 00
Woodland, 21 acres, . . . . .	1,465 00
Pasturage, 104 acres, . . . . .	4,487 00
Farm (under appropriation 1901), viz. : —	
Cultivated land, 40 acres, . . . . .	1,600 00
Woodland, 50 acres, . . . . .	1,100 00
Pasturage, 30 acres, . . . . .	300 00
Farm (under appropriation 1903), viz. : —	
Cultivated land, 50 acres, . . . . .	1,150 00
Woodland, 190 acres, . . . . .	2,850 00
Pasturage, 60 acres, . . . . .	900 00
Water and sewerage systems, . . . . .	38,947 94
Outside electric lighting (farm group), . . . . .	800 00
Quarry, . . . . .	450 00

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\$71,360 94

#### Buildings : —

Original buildings, . . . . .	\$39,620 00
Buildings (under appropriation 1895), . . . . .	84,800 00
Buildings (under appropriation 1899), . . . . .	86,600 00
Nurses' home } (under appropriation 1902),	26,345 00
Electric building }	
Boiler house (under appropriation 1900), . . . . .	5,050 00
Laundry (under appropriation 1901), . . . . .	9,500 00
Coal trestle for heating purposes, previously included under building increase, . . . . .	250 00

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<i>Amounts carried forward, . . . . .</i>	\$252,165 00	\$71,360 94
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<i>Amounts brought forward,</i>	\$252,165 00	\$71,360 94
Greenhouse and henhouses,	2,600 00	
Farm group (under appropriation 1903), viz.:—		
Nos. 1 and 2,	27,957 52	
No. 3,	6,248 38	
Barns,	2,827 97	
Farm cottage (under appropriation 1901),	1,100 00	
Vegetable cellar,	1,463 19	
New building men's north,	75,000 00	
New building women's south,	20,875 00	
		390,237 <sup>5</sup> / <sub>100</sub> 06
Personal estate:—		
Live stock and farm,	\$9,938 50	
Produce of the farm on hand,	6,394 20	
Carriages and agricultural implements,	4,450 00	
Machinery and mechanical fixtures,	46,108 69	
Beds and bedding in inmates' department,	13,973 19	
Other furniture in inmates' department,	26,020 03	
Personal property of State in administration building,	8,170 57	
Personal property of State in employees' cottage,	1,549 94	
Personal property of State in nurses' home,	2,995 75	
Personal property of State in farm group		
No. 3,	1,015 47	
Personal property of State in greenhouse,	1,150 86	
Ready-made clothing,	2,140 62	
Dry goods,	3,394 81	
Provisions and groceries,	1,514 80	
Drugs and medicines,	2,195 07	
Instruments and laboratory fittings,	2,485 77	
Fuel,	15,731 43	
Library,	750 00	
Other supplies undistributed,	5,548 14	
		155,527 84
Total,		\$617,125 84

## RECEIPTS.

Cash on hand Oct. 1, 1905,	\$2,816 72
Received from State on special appropriations:—	
Repairs and improvements, 1904,	\$738 26
Men's hospital north, 1905,	65,089 69
Furnishings, 1905,	4,117 07
<i>Amounts carried forward,</i>	\$69,945 02
	\$2,816 72



<i>Amounts brought forward,</i>	\$69,945 02	\$2,816 72
Women's hospital south,		
Buildings and furnishings, 1906,	11,805 91	
Stone crusher, 1906,	345 80	
Total from appropriations,	<hr/>	82,096 73
Received from State for maintenance,	\$114,317 02	
Received from towns for support of patients,	37,635 82	
Received from individuals for support of patients,	10,094 46	
Received from soldiers' relief for support of patients,	212 17	
Received from reimbursements for support of patients,	1,199 40	
Received from interest on bank deposit,	193 61	
Received from farm and farm produce,	659 36	
Received from store,	836 34	
Received from barrels, junk and sundries,	219 30	
Received from expense account of patients,	214 69	
Received from shoe shop,	25	
Advance money, State Treasurer,	20,000 00	
	<hr/>	185,582 42
Total receipts,		\$270,495 87

## EXPENDITURES.

Salaries, wages and labor,	\$53,759 94
Food : —	
Butter,	\$5,079 41
Beans,	57 99
Bread and crackers,	369 61
Cereals, rice, meal, etc.,	1,307 68
Cheese,	93 24
Eggs,	2,209 27
Flour,	3,087 17
Fish,	1,626 53
Dried and fresh fruit,	1,355 08
Meats,	8,442 01
Milk,	223 26
Molasses and syrup,	456 72
Sugar,	1,723 46
Tea, coffee, bromo and cocoa,	498 56
Vegetables,	2,214 50
Sundries,	753 31
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	29,497 80
<i>Amount carried forward,</i>	\$83,257 74

*Amount brought forward,* . . . . . \$83,257 74

Clothing and clothing material : —

Boots, shoes and rubbers, . . . . .	\$401 35	
Clothing, . . . . .	741 65	
Dry goods for clothing, and small wares, . . . . .	1,235 11	
Furnishing goods, . . . . .	86 25	
Hats and caps, . . . . .	55 75	
Leather and shoe findings, . . . . .	766 44	
Sundries, . . . . .	21 64	
		<hr/>
		3,308 19

Furnishings : —

Beds, bedding, table linen, etc., . . . . .	\$1,595 67	
Brushes, brooms, etc., . . . . .	246 87	
Carpet, rugs, etc., . . . . .	781 62	
Crockery, glassware, cutlery, etc., . . . . .	532 94	
Furniture and upholstery, . . . . .	358 05	
Kitchen furnishings, . . . . .	439 15	
Woodenware, buckets, pails, etc., . . . . .	107 64	
Sundries, . . . . .	86 39	
		<hr/>
		4,148 33

Heat, light and power : —

Coal, . . . . .	\$13,814 02	
Electricity, . . . . .	93 89	
Gas, . . . . .	149 43	
Oil, . . . . .	135 27	
Sundries, . . . . .	1 70	
		<hr/>
		14,194 31

Repairs and improvements : —

Brick, . . . . .	\$272 00	
Cement, lime and plaster, . . . . .	253 24	
Door, sashes, etc., . . . . .	43 74	
Electrical work and supplies, . . . . .	156 91	
Hardware, . . . . .	1,339 45	
Lumber, . . . . .	675 74	
Machinery, etc., . . . . .	614 54	
Paints, oil, glass, etc., . . . . .	1,425 32	
Plumbing, steam fitting and supplies, . . . . .	3,226 92	
Roofing and materials, . . . . .	345 59	
Mechanics and laborers (not on pay roll), . . . . .	379 58	
Sundries, . . . . .	32 05	
		<hr/>
		8,765 08

Miscellaneous : —

Books, periodicals, etc., . . . . .	\$221 57	
Chapel services and entertainments, . . . . .	916 76	
		<hr/>
<i>Amounts carried forward,</i> . . . . .	\$1,138 33	\$113,673 65

<i>Amounts brought forward,</i>	\$1,138 33	\$113,673 65
Freight, expressage and transportation, . . . . .	1,082 32	
Funeral expenses, . . . . .	308 30	
Gratuities, . . . . .	16 98	
Hose, etc., . . . . .	233 44	
Labor (not on pay roll), . . . . .	199 72	
Medicines and hospital supplies, . . . . .	2,547 46	
Medical attendance, nurses, etc. (extra), . . . . .	50 00	
Postage, . . . . .	374 37	
Printing and printing supplies, . . . . .	98 20	
Return of runaways, . . . . .	103 74	
Soap and laundry supplies, . . . . .	1,402 15	
Stationery and office supplies, . . . . .	275 93	
School books and school supplies, . . . . .	75	
Travel and expenses (officials), . . . . .	502 44	
Telephone and telegraph, . . . . .	581 01	
Tobacco, . . . . .	588 62	
Water, . . . . .	947 82	
Printing annual report, . . . . .	163 06	
Sundries, . . . . .	853 23	
		11,467 87

## Farm, stable and grounds:—

Blacksmith and supplies, . . . . .	\$411 82	
Carriages, wagons and repairs, . . . . .	237 92	
Fertilizers, vines, seeds, etc., . . . . .	406 58	
Hay, grain, etc., . . . . .	6,602 51	
Harness and repairs, . . . . .	56 77	
Horses, . . . . .	150 00	
Cows, . . . . .	370 00	
Labor (not on pay roll), . . . . .	637 73	
Rent, . . . . .	—	
Swill, . . . . .	—	
Tools, farm machines, etc., . . . . .	190 95	
Sundries, . . . . .	556 19	
		9,620 47

Total expenses for maintenance, . . . . .	\$134,761 99
Other expenses on special appropriations, . . . . .	82,096 73
Paid State Treasurer, . . . . .	51,327 18
Refunded to towns, . . . . .	170 33
Refunded to individuals, . . . . .	70 97
Sundry payments, . . . . .	1 80
Expense of patients, . . . . .	66 87

Total expenditures, . . . . .	\$268,495 87
Cash on hand Nov. 30, 1906, . . . . .	2,000 00

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\$270,495 87

## RESOURCES.

Cash on hand, . . . . .	\$2,000 00	
Balance of maintenance with State Treasurer,	32,353 95	
Bills receivable for board, . . . . .	3,590 11	
Other bills receivable, . . . . .	25 87	
Unexpended special appropriations, . . . . .	72,247 53	
		\$110,217 46

## LIABILITIES.

Salaries unpaid, . . . . .	\$3,947 16	
Maintenance bills, . . . . .	3,833 43	
Special appropriation bills, . . . . .	10,092 71	
		17,873 30
Resources over liabilities, . . . . .		\$92,344 16

*Statement of Appropriations.*

	Amount.	Expended previously.	Expended Last Fourteen Months.	Balance.
Repairs and improvements, . . . . .	\$9,640 00	\$8,898 19	\$738 26	\$3 55 <sup>1</sup>
Building, 1905, . . . . .	75,000 00	8,160 34	65,089 69	1,749 97
Furnishings, 1905, . . . . .	5,000 00	233 66	4,117 07	649 27
Building and furnishings, 1906, . . . . .	80,000 00	-	11,805 91	68,194 09
Stone crusher, . . . . .	2,000 00	-	345 80	1,654 20
	\$171,640 00	\$17,292 19	\$82,096 73	\$72,251 08

<sup>1</sup> The balance of \$3.55 on taxes due on repairs and improvements is not available.

## NURSES' TRAINING SCHOOL FUND.

Balance on hand Sept. 30, 1905, . . . . .	\$24 27
Fourteen months' receipts, . . . . .	588 05
	\$612 32
Fourteen months' payments, . . . . .	449 00
Balance on hand Nov. 30, 1906, . . . . .	\$163 32

*Investment.*

Deposited in Palmer National Bank, . . . . .	\$163 32
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## PATIENTS' MONEY.

Balance on hand Sept. 30, 1906,	. . . . .	\$417 01
Fourteen months' receipts,	. . . . .	1,429 56
		<hr/>
		\$1,846 57
Fourteen months' payments,	. . . . .	1,308 47
		<hr/>
Balance on hand Nov. 30, 1906,	. . . . .	\$538 10

*Investment.*

Palmer National Bank,	. . . . .	\$62 40
Palmer Savings Bank,	. . . . .	456 00
Cash in safe,	. . . . .	19 70
		<hr/>
		\$538 10

Very respectfully,

WALTER C. LANG,

*Treasurer.*

DEC. 1, 1906.

This certifies that I have compared the treasurer's report for fourteen months ending Nov. 30, 1906, with the books kept at the institution and find them to agree. The cash account shows a balance in the treasurer's hands of \$2,000, as follows: —

Deposited in Palmer National Bank,	. . . . .	\$553 56
Cash vouchers, etc., not entered,	. . . . .	1,440 05
Cash in safe at hospital,	. . . . .	6 39
		<hr/>
		\$2,000 00

GEO. L. CLARK,

*Auditor.*

DEC. 14, 1906.



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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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# I.—General Statistics for the Year.

	INSANE.			SANE.			TOTAL.		
	Males.		Totals.	Males.		Totals.	Males.		Totals.
		Females.			Females.			Females.	
Patients in hospital Oct. 1, 1905,	141	140	281	127	113	240	268	253	521
Admitted within the year,	27	18	45	75	53	128	102	71	173
Viz.: by commitment,	20	15	35	66	45	111	86	60	146
by transfer,	1	1	2	-	-	-	1	1	2
from escape,	1	-	1	-	2	3	-	-	3
from visit,	5	2	7	7	8	15	12	10	22
Whole number of cases within the year,									
Dismissed within the year,	168	158	326	202	166	368	370	324	694
Discharged,	21	38	59	66	38	104	87	76	163
as recovered,	5	4	9	29	17	46	34	21	55
as capable of self-support,	-	-	-	-	-	-	-	-	-
as improved,	1	-	1	5	-	5	6	-	6
as not improved,	4	3	7	16	12	28	20	15	35
Died,	-	1	1	8	5	13	8	6	14
Transferred,	10	7	17	12	6	18	22	13	35
Escaped,	2	26	28	-	-	-	2	26	28
On visit Oct. 1, 1906,	4	-	5	23	15	38	27	16	43
Patients remaining Sept. 30, 1906,	147	120	267	136	128	264	283	248	531
Viz.: State patients,	138	114	252	34	32	66	172	146	318
town patients,	-	-	-	86	89	175	86	89	175
private patients,	4	-	7	16	7	23	20	10	30
reimbursing patients,	5	3	8	-	-	-	5	3	8
Number of different persons within the year,	164	154	318	194	159	353	358	313	671
Number of different persons admitted,	24	16	40	67	47	114	91	63	154
Number of different persons admitted by commitment,	20	15	35	66	45	111	86	59	145
Daily average number of patients,	147.96	126.17	274.13	132.04	119.74	251.78	280.00	245.91	525.91
Viz.: State patients,	140.35	119.38	259.73	27.99	23.66	51.65	168.34	143.04	311.38
town patients,	-	-	-	86.87	89.94	176.81	86.87	89.94	176.81
private patients,	3.74	3.67	7.41	17.18	6.14	23.32	20.92	9.81	30.73
reimbursing patients,	3.87	3.12	6.99	-	-	-	3.87	3.12	6.99

<sup>1</sup> Nominally admitted to discharge: insane: males, 3; females, 1; total, 4; sane: males, 8; females, 6; total, 14.

2. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . . . .	18	12	30	54	39	93	72	51	123
Second to this hospital, . . . . .	1	3	4	11	4	15	12	7	19
Third to this hospital, . . . . .	—	—	—	1	1	2	1	1	2
Fourth to this hospital, . . . . .	—	—	—	—	1	1	—	1	1
Fifth to this hospital; . . . . .	1	—	1	—	—	—	1	—	1
Total cases, . . . . .	20	15	35	66	45	111	86	60	146
Total persons, . . . . .	20	15	35	66	45	111	86	60	146
First admitted to any hospital, . . . . .	8	8	16	50	34	84	58	42	100

3. — *Nativity and Parentage of Persons first admitted to Any Hospital.*

	INSANE.						SANE.						TOTALS.					
	MALES.			FEMALES.			MALES.			FEMALES.			MALES.			FEMALES.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts, . . . . .	4	1	1	3	2	2	7	3	1	2	2	11	26	12	14	29	12	11
Other New England States, . . . . .	-	1	-	2	3	1	6	4	4	3	5	6	9	6	4	5	7	8
Other States, . . . . .	-	-	-	2	1	1	6	3	2	-	-	2	6	3	2	2	1	3
Total native, . . . . .	4	1	1	7	4	4	38	19	20	29	17	19	67	36	21	36	20	22
Other countries: —																		
Azores, . . . . .	-	-	-	-	-	-	4	1	1	1	7	1	5	2	1	1	5	1
Canada, . . . . .	-	-	-	-	1	1	-	7	1	-	-	4	1	11	7	1	5	4
England, . . . . .	-	-	-	-	1	1	-	-	-	-	-	-	-	3	-	-	1	1
France, . . . . .	-	-	-	-	1	1	-	-	-	-	-	-	-	1	-	-	1	1
Germany, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	13	11	1	2	7
Ireland, . . . . .	1	3	3	1	5	4	1	9	8	-	1	1	1	1	1	1	6	1
New Brunswick, . . . . .	1	1	-	-	1	-	-	1	1	-	1	1	6	1	1	-	1	1
Newfoundland, . . . . .	-	1	1	-	1	-	5	4	6	1	2	1	2	1	7	1	2	1
Nova Scotia, . . . . .	-	-	-	-	-	-	1	2	2	2	2	2	2	3	2	2	2	2
Poland, . . . . .	1	1	1	-	1	-	1	1	1	2	-	-	2	1	1	2	1	2
Russia, . . . . .	1	1	1	-	1	-	-	1	1	-	-	-	-	2	2	-	-	-
Scotland, . . . . .	1	1	1	-	1	-	-	-	2	-	-	-	-	1	2	-	-	-
Sweden, . . . . .	-	-	-	-	-	-	-	-	1	-	-	-	-	2	2	-	-	-
Switzerland, . . . . .	-	-	-	-	-	-	-	-	2	-	-	-	-	1	1	-	-	-
Syria, . . . . .	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-
West Indies, . . . . .	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
Total foreign, . . . . .	4	7	7	1	12	12	12	31	30	5	17	15	17	48	37	6	22	20
Unknown, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals, . . . . .	8	8	8	8	16	16	50	50	50	34	34	34	84	84	58	42	42	42

4. — *Residence of Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<b>A.—Insane:—</b>									
Berkshire, . . . . .	—	1	1	—	—	—	—	1	1
Hampden, . . . . .	2	—	2	1	2	3	3	2	5
Middlesex, . . . . .	2	—	2	—	—	—	2	2	4
Norfolk, . . . . .	—	—	—	—	1	1	—	1	1
Suffolk, . . . . .	4	5	9	1	1	2	5	6	11
Worcester, . . . . .	—	—	—	10	3	13	10	3	13
Totals, . . . . .	8	8	16	12	7	19	20	15	35
Cities or large towns (10,000 or over), .	5	5	10	1	1	2	6	6	12
Country districts (under 10,000), . . .	3	3	6	11	6	17	14	9	23
<b>B.—Sane:—</b>									
Berkshire, . . . . .	1	2	3	—	1	1	1	3	4
Bristol, . . . . .	4	1	5	—	1	1	4	2	6
Essex, . . . . .	5	3	8	1	—	1	6	3	9
Franklin, . . . . .	1	—	1	1	—	1	2	—	2
Hampden, . . . . .	4	1	5	3	—	3	7	1	8
Hampshire, . . . . .	1	1	2	—	—	—	1	1	2
Middlesex, . . . . .	10	6	16	4	6	10	14	12	26
Norfolk, . . . . .	1	1	2	1	—	1	2	1	3
Plymouth, . . . . .	3	4	7	1	—	1	4	4	8
Suffolk, . . . . .	14	12	26	5	3	8	19	15	34
Worcester, . . . . .	6	3	9	—	—	—	6	3	9
Totals, . . . . .	50	34	84	16	11	27	66	45	111
Cities or large towns (10,000 or over), .	38	24	62	10	9	19	48	33	81
Country districts (under 10,000), . . .	12	10	22	6	2	8	18	12	30

5. — *Civil Condition of Persons first admitted to Any Hospital.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, . . . . .	6	5	11	41	27	68	47	32	79
Married, . . . . .	1	1	2	9	3	12	10	4	14
Widowed, . . . . .	1	1	2	—	4	4	1	5	6
Divorced, . . . . .	—	1	1	—	—	—	—	1	1
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Totals, . . . . .	8	8	16	50	34	84	58	42	100



6. — *Occupations of Persons first admitted to Any Hospital.*

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Carpenter, . . . .	—	1	1	Mechanics, . . . .	1	2	3
Clerks, . . . . .	—	2	2	Newsboy, . . . . .	—	1	1
Cloth sponger, . . .	—	1	1	Office boy, . . . . .	—	1	1
Clothier, . . . . .	1	—	1	Operative, . . . . .	1	—	1
Currier, . . . . .	1	—	1	Peddler, . . . . .	—	1	1
Draftsman, . . . . .	—	1	1	Porter, . . . . .	—	1	1
Druggist, . . . . .	—	1	1	Salesmen, . . . . .	—	3	3
Elevator boy, . . . .	—	1	1	Scholars, . . . . .	1	1	2
Errand boys, . . . .	—	2	2	Shoemaker, . . . . .	—	1	1
Expressman, . . . . .	—	1	1	Teamster, . . . . .	1	—	1
Farmer, . . . . .	—	1	1	Waiters, . . . . .	—	2	2
Hatter, . . . . .	—	1	1	No occupation, . . . .	1	19	20
Janitor, . . . . .	—	1	1				
Laborers, . . . . .	1	4	5	Totals, . . . . .	8	50	58
Meat cutter, . . . .	—	1	1				

## FEMALES.

Domestics, . . . . .	—	3	3	Stenographer, . . . .	—	1	1
Housekeepers, . . . .	1	1	2	Telephone operative, .	—	1	1
Housewives, . . . . .	1	5	6	No occupation, . . . .	6	19	25
Saleswoman, . . . . .	—	1	1				
Scholars, . . . . .	—	2	2	Totals, . . . . .	8	34	42
Seamstress, . . . . .	—	1	1				

## WIFE OR DAUGHTER OF—

Clerk, . . . . .	—	1	1	Painter, . . . . .	—	1	1
Engineer, . . . . .	—	1	1	Printer, . . . . .	—	1	1
Farmers, . . . . .	—	2	2	Shoemaker, . . . . .	—	1	1
Laborers, . . . . .	2	—	2	Storekeeper, . . . . .	—	1	1
Machinist, . . . . .	—	1	1	Tailor, . . . . .	—	1	1
Mason, . . . . .	—	1	1	Woodcutter, . . . . .	—	1	1
Merchant, . . . . .	—	1	1				
Operatives, . . . . .	—	3	3	Totals, . . . . .	2	16	18

7. — *Ages of Epileptics at First Attack, Admission and Death.*

INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.			WHEN ADMITTED.			AT FIRST ATTACK OF INSANITY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	1	2	3	1	6	7	1	2	3	4	4	8
15 years and less,	1	2	3	1	6	7	1	2	3	4	4	8
From 15 to 20 years,	1	2	3	1	6	7	1	2	3	4	4	8
20 to 25 years,	2	2	4	1	6	7	1	2	3	4	4	8
25 to 30 years,	2	2	4	1	6	7	1	2	3	4	4	8
30 to 35 years,	2	2	4	1	6	7	1	2	3	4	4	8
35 to 40 years,	1	1	2	1	6	7	1	2	3	4	4	8
40 to 50 years,	2	1	3	1	6	7	1	2	3	4	4	8
50 to 60 years,	1	1	2	1	6	7	1	2	3	4	4	8
60 to 70 years,	1	1	2	1	6	7	1	2	3	4	4	8
70 to 80 years,	1	1	2	1	6	7	1	2	3	4	4	8
80 to 90 years,	1	1	2	1	6	7	1	2	3	4	4	8
Totals,	8	8	16	8	6	14	8	8	16	10	7	17
Unknown,	1	1	2	1	2	3	1	1	2	1	1	2
Total persons,	8	8	16	8	8	16	8	8	16	10	7	17
Mean known ages,	27.81	31.87	29.84	27.18	7.50	18.75	38.12	31.12	35.00	19.50	39.64	33.52



8. — *Probable Causes of Epilepsy in Persons first admitted to Any Hospital.*

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical :—												
Head injury, . . .	-	1	1	-	1	1	-	-	-	-	-	-
Totals, . . .	-	1	1	-	1	1	-	-	-	-	-	-
Unknown, . . .	8	7	15	3	1	4	-	-	-	-	-	-
Totals, . . .	8	8	16	3	2	5	-	-	-	-	-	-
<i>Sane.</i>												
Physical :—												
Brain tumor, . . .	1	-	1	-	-	-	-	-	-	-	-	-
Childbirth, . . .	-	2	2	-	-	-	-	-	-	-	-	-
Excitement and indigestion, . . .	1	-	1	1	-	1	-	-	-	-	-	-
General paralysis, . . .	-	1	1	-	-	-	-	-	-	-	-	-
Head injury, . . .	4	-	4	2	-	2	-	-	-	-	-	-
Hemiplegia, . . .	2	1	3	-	-	-	-	-	-	-	-	-
Indigestion, . . .	1	-	1	-	-	-	-	-	-	-	-	-
Pregnancy, . . .	-	1	1	-	-	-	-	-	-	-	-	-
Rachitis, . . .	3	2	5	2	2	4	-	-	-	-	-	-
Scarlet fever, . . .	1	-	1	-	-	-	-	-	-	-	-	-
Syphilis, . . .	-	1	1	-	-	-	-	-	-	-	-	-
Mental :—												
Fright, . . .	-	3	3	-	-	-	-	-	-	-	-	-
Totals, . . .	13	11	24	5	2	7	-	-	-	-	-	-
Unknown, . . .	37	23	60	7	5	12	-	-	-	-	-	-
Totals, . . .	50	34	84	12	7	19	-	-	-	-	-	-
Aggregates, . . .	13	12	25	5	3	8	-	-	-	-	-	-
Unknown, . . .	45	30	75	10	6	16	-	-	-	-	-	-
Aggregates, . . .	58	42	100	15	9	24	-	-	-	-	-	-



9. — *Probable Duration of Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.											
	INSANE.						SANE.			TOTALS.		
	INSANITY.			EPILEPSY.			EPILEPSY.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-
Under 1 month, . . . . .	3	2	5	1	-	1	-	-	-	1	-	1
From 1 to 3 months, . . . . .	1	1	2	1	-	1	1	-	1	2	-	2
3 to 6 months, . . . . .	2	2	4	-	-	-	1	-	1	1	-	1
6 to 12 months, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-
1 to 2 years, . . . . .	1	1	2	-	-	-	9	4	13	9	4	13
2 to 5 years, . . . . .	-	-	-	1	1	2	7	6	13	8	7	15
5 to 10 years, . . . . .	-	-	-	1	-	1	11	4	15	12	4	16
10 to 20 years, . . . . .	-	-	-	2	3	5	9	13	22	11	16	27
Over 20 years, . . . . .	-	-	-	1	2	3	10	7	17	11	9	20
Totals, . . . . .	7	6	13	7	6	13	48	34	82	55	40	95
Unknown, . . . . .	1	2	3	1	2	3	2	-	2	3	2	5
Totals, . . . . .	8	8	16	8	8	16	50	34	84	58	42	100
Average known duration in years, . . . . .	.3565	.4090	.3654	10.73	20.41	15.20	11.27	14.67	12.68	11.20	15.53	13.02

## 10. — Discharges, classified by Admission and Result as to Epilepsy and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —																		
First to this hospital,	—	—	—	—	—	—	3	3	6	—	1	1	10	7	17	13	11	24
Second to this hospital,	—	—	—	1	—	1	1	—	1	—	—	—	—	—	—	2	—	2
Third to this hospital,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total cases,	—	—	—	1	—	1	4	3	7	—	1	1	10	7	17	15	11	26
Total persons,	—	—	—	1	—	1	4	3	7	—	1	1	10	7	17	15	11	26
First admitted to any hospital,	—	—	—	—	—	—	3	2	5	—	—	—	5	3	8	8	5	13
B. — Sane epileptics : —																		
First to this hospital,	—	—	—	5	—	5	14	12	26	5	4	9	12	5	17	36	21	57
Second to this hospital,	—	—	—	—	—	—	2	—	2	2	1	3	—	1	1	4	2	6
Third to this hospital,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fourth to this hospital,	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1
Total cases,	—	—	—	5	—	5	16	12	28	8	5	13	12	6	18	41	23	64
Total persons,	—	—	—	5	—	5	16	12	28	8	5	13	12	6	18	41	23	64
First admitted to any hospital,	—	—	—	5	—	5	14	10	24	5	4	9	12	5	17	36	19	55

*11.—Causes of Death.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<b>Nervous system :—</b>									
Brain tumor, . . . .	—	—	—	1	—	1	1	—	1
Cerebral cyst, . . . .	—	—	—	1	—	1	1	—	1
Epilepsy, . . . . .	3	1	4	2	2	4	5	3	8
Epileptic convulsion, .	1	—	1	—	1	1	1	1	2
Exhaustion from epilepsy,	3	1	4	2	1	3	5	2	7
Status epilepticus, . . .	—	1	1	3	2	5	3	3	6
<b>Respiratory system :—</b>									
Pneumonia, broncho, . .	—	1	1	—	—	—	—	1	1
Pulmonary thrombosis, .	1	—	1	—	—	—	1	—	1
Pulmonary tuberculosis, .	1	2	3	—	—	—	1	2	3
<b>General :—</b>									
Cancer of the liver, . . .	—	—	—	1	—	1	1	—	1
Drowning, . . . . .	—	—	—	1	—	1	1	—	1
Gangrene of foot, . . . .	—	1	1	—	—	—	—	1	1
Shock and hemorrhage, .	1	—	1	—	—	—	1	—	1
Suicide by arsenic poisoning, . . . . .	—	—	—	1	—	1	1	—	1
Totals, . . . . .	10	7	17	12	6	18	22	13	35

12. — Deaths, classified by Duration of Disease and Treatment.

INSANE.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.																			
	DURATION BEFORE ADMISSION.					HOSPITAL RESIDENCE.					WHOLE DURATION OF ATTACK.					WHOLE KNOWN PERIOD OF DISEASE.					WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.									
	INSANITY.			EPILEPSY.			INSANITY.			EPILEPSY.			INSANITY.			EPILEPSY.			INSANITY.			EPILEPSY.			INSANITY.			EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Under 1 month, . . . . .	5	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
From 1 to 3 months, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 to 6 months, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 to 12 months, . . . . .	-	-	-	-	-	-	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 to 2 years, . . . . .	-	1	1	-	-	-	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 to 5 years, . . . . .	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 to 10 years, . . . . .	-	-	-	2	-	2	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10 to 20 years, . . . . .	-	-	-	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Over 20 years, . . . . .	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals, . . . . .	5	3	8	5	3	8	6	5	11	5	3	8	5	3	8	5	4	9	5	4	9	5	4	9	5	4	9	5	4	9
Unknown, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals, . . . . .	5	3	8	5	3	8	5	3	8	5	3	8	5	3	8	5	4	9	5	4	9	5	4	9	5	4	9	5	4	9
Average of known cases in months, . . . . .	.6	6.33	2.75	132.8	196	156.5	28.8	67	43.12	106	78	95.5	181.2	268	283.75	114	98	106.88	220.8	216	218.66	128	98	114.66	128	98	114.66	128	98	114.66



SANE.

[illegible]



REPORT OF THE TRUSTEES  
OF THE  
MASSACHUSETTS  
HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE  
YEAR ENDING NOVEMBER 30, 1907.



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C.

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# OFFICERS

## OF THE

### MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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#### TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman,</i>	.	.	.	BOSTON.
CHARLES A. CLOUGH, <i>Secretary,</i>	.	.	.	GROTON.
MABEL W. STEDMAN,	.	.	.	BROOKLINE.
HENRY P. JAQUES, M.D.,	.	.	.	LENOX.
WALTER W. SCOFIELD, M.D.,	.	.	.	DALTON.
WINFORD N. CALDWELL,	.	.	.	SPRINGFIELD.
MARY P. TOWNSLEY,	.	.	.	SPRINGFIELD.

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#### RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	.	.	.	<i>Superintendent.</i>
MORGAN B. HODSKINS, M.D.,	.	.	.	<i>Assistant Physician.</i>
EDWARD A. KENNEDY, M.D.,	.	.	.	<i>Assistant Physician.</i>
ALDEN V. COOPER, M.D.,	.	.	.	<i>Assistant Physician.</i>
MELVIN E. COWEN,	.	.	.	<i>Assistant Physician.</i>
EDITH E. SMITH,	.	.	.	<i>Clerk.</i>
CHARLES F. SIMONDS,	.	.	.	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	.	.	.	<i>Engineer.</i>
GEORGE H. GALLUP,	.	.	.	<i>Farmer.</i>

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WALTER E. HATCH,	.	.	.	<i>Clerk and Treasurer.</i>
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#### NON-RESIDENT OFFICERS.

DR. E. G. BRACKETT,	.	.	.	<i>Consulting Orthopedic Surgeon.</i>
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# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Massachusetts Hospital for Epileptics respectfully submit the following report for the year ending Nov. 30, 1907.

The membership of the Board of Trustees remains unchanged. The two members whose terms expired during the past year, Mrs. Mary P. Townsley and Mr. Winford N. Caldwell, both of Springfield, were reappointed by the Governor and duly confirmed.

In September, 1907, Dr. Melvin E. Cowen was appointed assistant physician.

The treasurer of the hospital, Mr. Walter C. Lang, resigned Sept. 23, 1907, and Mr. Walter E. Hatch was appointed his successor.

On November 12, Miss Mary W. Wentworth, head clerk, resigned, to our regret, after eight years of faithful service.

The new building for 100 male patients was opened Oct. 17, 1906; it now contains 100 patients. The new building for women is completed but not yet furnished.

The number of patients in the hospital has increased during the past year. On Nov. 30, 1906, there were 292 males and 251 females, a total of 543; on Nov. 30, 1907, there were 323 males and 271 females, a total of 594.

Through the additional space in the new men's building, we have alleviated the overcrowding on the male side, and can now care for our male patients comfortably and suitably.

During the past year the law regulating the admission of patients has been changed, so that any person otherwise suitable

ten years old or over can be admitted. In other words, the age limit has been extended to include persons between the ages of ten and fourteen. As the number of children increases, as it inevitably will, it will be advisable to make special provision for them. It will probably be wise before long to eliminate the age limit entirely and permit the hospital to receive all children. When this is done the problem of caring for them will be in many ways simplified. The subject is now being carefully considered by the Board.

Number of admissions during the year, . . . . .	151
Number of discharges during the year, . . . . .	155
Number of deaths during the year, . . . . .	34
Total number of cases treated during the year, . . . . .	727

During the present year we have received the following special appropriations: —

Horse stable, . . . . .	\$6,000
Alterations and improvements, . . . . .	3,400
Construction of silos, . . . . .	1,100

The need of these was fully explained in the last report.

For the present year the trustees have asked for the following special appropriations: —

A. — For the removal and repair of cow barn and hay barn, . . . . .	\$8,500
B. — For construction and furnishing of a building for male employees, . . . . .	6,215
C. — For completing and furnishing rooms on the ground floor of the women's south building, for female employees, . . . . .	3,900
D. — For constructing two bread ovens in the kitchen building, . . . . .	2,600
E. — For renewal of heating pipes in the administration building, . . . . .	350
F. — For purchasing and installing ensilage cutter and motor, . . . . .	850
Total, . . . . .	<hr/> \$22,415

These have been approved by the State Board of Insanity.

The reasons which have made us feel it wise to ask for the above appropriations this year will be given in detail in the superintendent's report. They may be briefly summed up here.

A. — The present situation of the barns is both unsightly and inconvenient; it is, moreover, expensive. We lose each year an

amount of money and of time which unduly increases our current expenses, and which we deem it our duty to save, if we are permitted to do so, with the outlay mentioned above.

*B.* — It has been long a problem to arrange for our male employees. There are more than we can properly accommodate under present conditions. The opening of the new men's building for 100 patients and the prospective opening of the new women's building for 100 patients, increasing the number of patients at the hospital by 200, will of itself cause an increase in the number of employees to be provided for. An additional increase was suddenly thrust upon us last year by the passage of the eight-hour law, which, however beneficial a measure, entails an expense to the hospital which should be duly provided for.

*C.* — We find that by completing and furnishing certain rooms on the ground floor of the women's south building we shall be able to accommodate more cheaply and conveniently than in any other way female employees, for whom we have no proper arrangements.

*D.* — The ovens in the kitchen building are badly needed for the baking necessary for our increased number of inmates.

*E.* — The renewal of the heating pipes in the administration building, which was built in 1896, is thought advisable to improve circulation of steam, to prevent leakage and freezing and to economize the amount of steam used.

*F.* — By installing an ensilage cutter and accessories we shall be able to make use of our silos to the best advantage.

During this year the new women's building has been built and will shortly be furnished. We hope that it may be opened for patients by Jan. 1, 1908.

The horse stable has been built and is now completed. The minor improvements and alterations, for which last year's appropriations were granted, are being carried out.

The following repairs have been made: many asphalt floors have been relaid; the plaster in the nurses' home and in Hyde cottage and No. 3 farm group has been renewed; the water pipe to the south reservoir was relaid; the barn floors, which have given us so much trouble (the barn was built before the existence of the present hospital), have been repaired; much work



has been done on the underdrains and catch-basins; two piazzas have been replaced.

The amount of work of this kind is exceptional and not likely to recur at present.

It has been found, after careful examination and investigation, that it is not possible to obtain sufficiently responsible attendants unless they are paid at least reasonable wages. We have established a wage rate by which we give to male attendants \$25 a month at the beginning of the first year, and if they prove satisfactory we expect to raise this to \$30 at the end of a year. Female attendants begin at \$20 per month, and this in like manner is raised to \$25 per month at the end of a year. This rate seems to be generally agreed upon among the State institutions. It is hardly necessary to call the attention of those interested in institutions such as ours to the extreme importance of obtaining the proper kind of attendants. They must be active, vigilant, sober, honest, and, above all, kind and patient with those who are committed to their care, many of whom are mentally afflicted, nervous, irritable and unreasonable, sometimes even violent. Even with the most careful supervision attendants have many opportunities to act of themselves for good or for ill towards their patients, and there is, perhaps, no one thing about which our trustees have greater anxiety than the behavior of the attendants, their moral character and their attitude towards those under their charge. It is probable that more evils have in the past occurred in hospitals through incompetent, careless or vicious attendants than from any other cause. Yet they cannot be overlooked every moment. As they must be responsible they should not be underpaid. They should be — would that they all could be — above suspicion.

The trustees believe that the past year has been one of quiet but steady progress for the hospital.

WILLIAM N. BULLARD, M.D., *Chairman.*

CHARLES A. CLOUGH, *Secretary.*

MABEL W. STEDMAN.

HENRY P. JAQUES, M.D.

WALTER W. SCOFIELD, M.D.

WINFORD N. CALDWELL.

MARY P. TOWNSLEY.



## SUPERINTENDENT'S REPORT.

---

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The following report is respectfully submitted.

I am glad to report that the past year has been one without serious accident. When we consider the conditions under which we work, the variety of disordered temperaments we have to deal with, and the necessary association of irritable persons, this becomes a matter of congratulation. The advisability of bringing together persons who react individually on one another has been a subject of much comment. On the whole, the theme has been well worked out, and I am positively of the opinion that the discipline acquired by these persons is useful to them. It not only makes them easier to deal with when they return home, but actually has a curative effect, from the fact that they acquire reasonable self-control by the enforced exercise of this trait.

Our tables show explicitly the number of patients, the variety of their disorders associated with epilepsy and the results of treatment.

An element which has been little dwelt upon is the advantages that are gained when a patient remains in the hospital for a long time without having epileptic seizures. These advantages occur in a large number of instances, and the person is practically cured while he is a resident here.

We have a small percentage of recoveries, and the most of the cases referred to above would speedily relapse if they should go back to their home methods of living. The routine life, the reasonable restrictions, self-control enforced by proper regulations, medicine and other treatment, as indications call for them, each forms an element in good results obtained.

I can only speak in the highest terms of the equipment which has been furnished by the continued efforts of your Board.

While strict economy has been observed in buildings and fittings, we feel that, compared with institutions of this class in other States and countries, we have the beginning of a most promising work.

The methods of treatment have been sufficiently outlined in the different publications. It seems, however, desirable to say that almost any treatment which takes the interest of the patient, diverts his attention from his accustomed lines and makes him feel that something is being done for him is useful. In this belief we make very large use of our hot-air cabinets, static apparatus, douches, local treatment of the throat and nose, school, gymnastic training and manual labor, and medical treatment in its proper place; but the effort is made to reduce drugging to a minimum.

As to the use made of the appropriations for last year the treasurer's report covers every detail. I can say that each item of expense in our special appropriations has been of great advantage to us, and that our equipment as it stands to-day furnishes one of the best opportunities for proper classification that I have ever seen.

For the future I put before your Board the result of our studies during the year, and present the desirability of asking for appropriations for the following six items:—

*A.* — For removal and repair of cow barn, hay barn and horse barn.

*B.* — For building and furnishing a building for male employees.

*C.* — For finishing and furnishing sleeping rooms, sitting room, bath, etc., on ground floor of the women's south building, for female employees.

*D.* — For building two bread ovens in the room originally designed for them in the kitchen building.

*E.* — For renewal of heating pipes in the administration building, for the purpose of improving the circulation of steam, preventing freezing and leaking and to economize in the amount of steam used.

*F.* — For purchasing and installing ensilage cutter, with motor, etc.

In regard to the last five items there seems to be no necessity

of any further argument than the mere statement of the need. The conditions are so well understood by your Board that I can add nothing of advantage. In regard to the first item, which has been in our budget twice already and for which appropriation has not been made, although properly urged by your Board and fully approved by the State Board, it seems desirable that a sufficient statement should be introduced here as to the reasons for again urging this point. I have briefly summarized these reasons, as follows:—

The advantages of this change will be apparent on looking over the situation. The main part of our farm buildings are now, through the purchase of the new land, at the Plumley place. This should be the headquarters for farming, and it is desirable to have our barns in their vicinity for convenience of administration and for economy, saving the service of at least one permanent employee. If the yellow barn remains where it is quite an expenditure should be made in renewing the floors, and other repairs.

The silos are poor and must be rebuilt; the basement is rotting, though it has been renewed three times in fourteen years.

The noise from the cows is often a trouble to persons in the night.

The appearance of the grounds would be very much improved and the value of the institution increased.

Permanent work could then be done in finishing the roads and grounds in this part.

In case of sickness among the animals it is desirable to have the head farmer near the cattle and horses and pigs for prompt attention.

He can give better oversight to all this work if the barns are placed nearer together.

The needs in the future have been well studied. While a large number of these are very urgent, it is easy to select a few that are the most pressing. It appears to me that study of the care and treatment of children is one that will occupy our attention most fully during the coming year.

It is important that these children should be housed at a suitable distance from the present buildings; probably a sep-



arate colony, within moderately easy reach of the main institution, will be the most convenient method.

I consider that we shall need in this group accommodations for boys and girls in suitable divisions. There must also be kitchen and dining room accommodations for them as well as for employees. Some supervising head, which would probably be medical, teachers and necessary nurses and outside attendants must be provided. The school-rooms will be an important consideration. To include all these elements and supply all the other needs that will come up as we go on with the work will be a matter of great importance.

We cannot begin too soon to carefully and systematically study this question.

The practice of sending nurses to assist in families has been continued and amounts to a system of district nursing. During the last year our nurses have thus worked a total of 312 days.

#### ARTICLES WRITTEN.

1. Injuries of Epileptics, and how they occur.
2. Myoclonus Epilepsy (report of two cases).
3. The Diagnosis of Valvular Heart Disease.
4. Heredity as a Factor in the Causation of Epilepsy.
5. President's address at the Richmond meeting of the National Association for the Study of Epilepsy and the Care and Treatment of Epileptics.
6. Revision of Rules for All Departments.
7. Chart for Examination of Patients.

#### AUTOPSIES AND FINDINGS.

*No. 524.* — Female. Autopsy, Dec. 2, 1906. Cerebral hemorrhage; interstitial nephritis; sclerosis of coronary arteries and aorta; sclerosis of cerebral arteries; hypostatic congestion of lungs.

*No. 936.* — Male. Autopsy, Dec. 4, 1906. Dilation of heart; general arterio sclerosis; chronic nephritis, decubitus; adherent scalp; absence of diploë; adherent dura; internal hemorrhagic pachymeningitis; œdema of brain; dilation of ventricles.

*No. 731.* — Male. Autopsy, Dec. 4, 1906. Dilation of heart; œdema and hypostatic congestion of lungs, old pleuritis; adherent scalp.

*No. 560.* — Female. Autopsy, Dec. 28, 1906. Lobar pneumonia; hypostatic congestion of lungs; cerebral sclerosis.

*No. 519.* — Female. Autopsy, Jan. 16, 1907. CEdema and hypostatic congestion of lungs; acute splenitis; chronic hydrocephalus.



*No. 1222.* — Female. Autopsy, Jan. 23, 1907. Hypostatic congestion of the lungs; acute splenitis; œdema of brain.

*No. 715.* — Male. Autopsy, Feb. 15, 1907. Pulmonary thrombosis; lobar pneumonia, old pleuritis; chronic diffuse nephritis; acute splenitis; chronic cholecystitis.

*No. 1279.* — Male. Autopsy, March 17, 1907. Lobar pneumonia; hypostatic congestion of lungs; acute splenitis.

*No. 421.* — Male. Autopsy, April 6, 1907. Hypostatic congestion of lungs; acute splenitis.

*No. 199.* — Female. Autopsy, May 12, 1907. Hypostatic congestion of lungs, old pleuritis.

*No. 897.* — Female. Autopsy, June 10, 1907. Decubitus; old pleuritis; hypostatic congestion of the lungs.

*No. 1062.* — Male. Autopsy, June 16, 1907. Dry gangrene of foot; acute splenitis; chronic nephritis; arterio sclerosis; hypostatic congestion of lungs.

*No. 1271.* — Male. Autopsy, Sept. 13, 1907. Examination limited to the head. Area of softening 7 centimeters in diameter in the left frontal lobe, which had ruptured into the left lateral ventricle.

*No. 582.* — Female. Autopsy, Sept. 13, 1907. Hypostatic congestion of the lungs; cerebral arterio sclerosis; chronic nephritis.

*No. 1012.* — Male. Autopsy, Oct. 29, 1907. Œdema of the lungs.

*No. 568.* — Female. Autopsy, Nov. 4, 1907. Hypostatic congestion of the lungs; chronic cholecystitis.

*No. 198.* — Female. Autopsy, Nov. 7, 1907. Hypostatic congestion of the lungs; acute splenitis; cyst of right ovary.

*No. 619.* — Female. Autopsy, Nov. 13, 1907. Hypostatic congestion of the lungs; chronic nephritis; fibroids of the uterus.

The work done by your consulting orthopædic surgeon, Dr. E. G. Brackett, of Boston, deserves especial commendation.

#### OPERATIONS.

Three transplantations of tendons.

Two operations on scalp.

Five tenotomies.

One genu valgum McEwen's operation.

Two circumcisions.

One trephination.

*List of Graduates.*

NAME.	Class.	Occupation.	Address.
Fannie C. Cronin, .	1901,	Supervisor at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Mary E. Kilduff, .	1901,	Private nursing, . . . .	52 Pearl St., Springfield, Mass.
Emma S. McKeever, .	1901,	At State Farm, . . . .	State Farm, Mass.
Julia O'Brien, . .	1901,	Private nursing, . . . .	22 Kenilworth St., Roxbury, Mass.
Edith E. B. Townsend,	1901,	Married, . . . . .	Braggville, Me.
Carroll W. Briggs, .	1902,	At Boston City Hospital, . .	Boston, Mass.
Annabelle Manwarring,	1902,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Edwin S. Manwarring,	1902,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.
James L. McKeever, .	1902,	At State Farm, . . . .	State Farm, Mass.
Walter L. McKeever, .	1902,	- - -	Middletown, Conn.
Hattie E. Rowe, . .	1902,	Private nursing, . . . .	Georgetown, Me.
Alice B. Smith, . .	1902,	Bookkeeping, . . . .	Newburn Ave., Medford, Mass.
Marguerite J. Casey, .	1903,	Private nursing, . . . .	Burlington, Vt.
Catherine Daley, .	1903,	Connecticut Hospital for Insane,	Middletown, Conn.
Georgie A. Nute, . .	1903,	At Stamford Hall, . . . .	Stamford, Conn.
George J. Flint, . .	1903,	Supervisor at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Mae D. Brown, . . .	1905,	Assistant Supervisor at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Annie A. Caldwell, .	1905,	Private nursing, . . . .	52 Pearl St., Springfield, Mass.
Louis A. Fontaine, .	1905,	Restaurant keeper, . . . .	Palmer, Mass.
Frank L. Morway, . .	1905,	Apothecary at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Augusta Tanski, . .	1905,	New Britain Hospital, . . .	New Britain, Conn.
Christina McLellan, .	1906,	At home, . . . . .	Red Point, P. E. I.
Theresa A. Brown, . .	1907,	Private nursing, . . . .	South Portland, Me.
Lutie F. Campbell, .	1907,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Mary G. Hancock, . .	1907,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Elizabeth A. McCarthy,	1907,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Mary A. Woodard, . .	1907,	Head nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.
Samuel E. Chase, . .	1907,	Assistant Supervisor at Massachusetts Hospital for Epileptics.	Palmer, Mass.
William L. Paine, . .	1907,	Nurse at Massachusetts Hospital for Epileptics.	Palmer, Mass.

## CLERGYMEN, ETC., WHO HAVE HELD SERVICES HERE.

Rev. Father Hart.

Rev. Father Lane.

Rev. J. S. Lemon.

Rev. F. S. Brewer.

Rev. Willis A. Moore.

Rev. C. W. Williams.

Mrs. Addie Chase Smith.

Rev. Charles Olmstead.

Rev. C. J. Sniffen.

Rev. Franklin S. Hatch.

Rev. Francis W. Gibbs.

Rev. Mr. Calhoun.

Rev. George A. Andrews.

Rev. Abram Conklin.

*Table showing Patients employed, and in What Way.*

	Males.	Females.
Administration building, . . . . .	2	4
Bakery, . . . . .	4	—
Barn, . . . . .	15	—
Basement, . . . . .	1	—
Carpenter, . . . . .	1	—
Dining rooms, . . . . .	17	5
Employees' cottage, . . . . .	2	3
Farm, . . . . .	12	—
Farm group, . . . . .	1	3
Greenhouse, . . . . .	12	—
Industrial building, . . . . .	15	—
Kitchens, . . . . .	18	29
Laundry, . . . . .	12	58
Lawn, . . . . .	11	—
Mason, . . . . .	2	—
Mending, . . . . .	—	5
Music practice for assemblies, . . . . .	1	1
Nurses' home, . . . . .	—	1
On roads, . . . . .	43	—
Painters, . . . . .	4	—
Printers, . . . . .	2	—
School, . . . . .	6	28
Sewing rooms, . . . . .	—	34
Store, . . . . .	3	—
Teaching, . . . . .	—	1
Ward work, . . . . .	100	62
With engineer, . . . . .	2	—
With yard man, . . . . .	3	—
	289	234

## GIFTS.

Mrs. L. E. Chandler, Palmer, Christmas gifts for patients; Mr. D. E. Marcy, Palmer, papers and magazines; Mrs. Helen M. Whitman, Medford, Christmas gifts; Miss Leary, Thorndike, clothing; Mr. Louis Monto, Cambridge, clothing; Jessie Catlin, Palmer, rug and sofa pillow; Universalist parsonage, Palmer, magazines; Mrs. George P. Mitchell, Springfield, clothing and desk; Mrs. Fred Cushman, Monson, magazines and games; Rev. W. H. Hart, Palmer, books and magazines; Mrs. S. H. Brown, Palmer, papers; Mrs. Helen M. Whitman, Medford, clothing; Miss Frances Curtis, Boston, patchwork for patient; Mr. George Ezekiel, Palmer, magazines; Mrs. Laura P. Stew-

art, Boston, shoes; Miss Harriet Gray, Wellesley Hills, shoes; Mr. Calvin A. Shepard, Boston, clothing and pictures.

#### AMUSEMENTS.

Dances, 50; masquerade, 1; dances and whist parties for employees, 5; sessions of dancing school, 30; readings and impersonations, 5; musicals, 3; farces, 2; illustrated lectures, 3; entertainment, ventriloquism, 1; rides, 6; excursions to fair, 4; excursions to Forest Lake, 10; Hallowe'en party for employees, 1.

The hundreds of matters which have come before your Board during the year, to each of which was given its proper consideration, cannot be well enumerated here. The prosperity of our work, the contented air of our patients, and the general interest in accomplishing the best results to be hoped for, all indicate that these questions have been properly settled by your Board.

I can only thank you as individuals and as a Board for your continued confidence.

Respectfully submitted,

EVERETT FLOOD, M.D.,

*Superintendent.*



## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital are as follows:—

1. The regular insane commitment, such as is used at the insane hospitals.

2. The sane indigent; in this case the approval of a judge is required, in addition to the physicians' certificates and the notification of the town authorities.

3. The sane private, in which two sureties are required to sign the patient's application.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood, and can be complied with easily.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London northern division of the Central Vermont. The Ware River branch of the Boston & Albany railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.70.

## ARTICLES MADE AND REPAIRED IN THE SEWING ROOM.

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Dresses made, . . .	196	Short nightshirts made, . . .	49
Shirt waists made, . . .	19	Jelly strainer made, . . .	1
Sacks made, . . .	2	Nightshirts made, . . .	91
Corset covers made, . . .	18	Bathing caps made, . . .	20
Petticoats made, . . .	61	Laundry bags made, . . .	7
Mattress covers made, . . .	220	Screens made, . . .	20
Dish towels made, . . .	381	Bag for book made, . . .	1
Oven cloths made, . . .	48	Bureau scarfs made, . . .	50
Roller towels made, . . .	314	Mangle aprons made, . . .	6
Trousers made, pairs, . . .	127	Bibs made, . . .	128
Drawers made, pairs, . . .	157	Pillow ticks made, . . .	119
Table cloths made, . . .	116	Clothespin bag made, . . .	1
Short nightgowns made, . . .	65	Overalls made, pairs, . . .	13
Curtains made, . . .	7	Chemises made, . . .	80
Vests made, . . .	35	Nightgowns made, . . .	72
Rugs made, . . .	96	Coats made, . . .	91
Sash curtains made, pairs, . . .	38	Underdrawers made, pairs, . . .	19
Undershirts made, . . .	143	Dusters made, . . .	28
Long curtains made, pairs, . . .	10	Sofa pillow covers made, . . .	4
Mail bags made, . . .	10	Strainers made, . . .	4
Napkins made, . . .	472	Strong jacket made, . . .	1
Aprons made, . . .	157	Skirts made, . . .	4
Towels made, . . .	892	Shirt waist suits made, . . .	2
Mittens made, pairs, . . .	180	Silverware cases made, . . .	12
Garters made, pairs, . . .	229	Curtains for stage made, . . .	3
Shirts made, . . .	61	Carpet for stage made, . . .	1
Tray cloths made, . . .	40	Suspenders made, pairs, . . .	74
Outside shirts made, . . .	6	Jackets made, . . .	12
Curtains for bookcases made, . . .	6	Tea bags made, . . .	14
Holder made, . . .	16	Altar cover made, . . .	1
Chair cushions made, . . .	2	Burial robes made, . . .	9

Pillow slips made, . . .	46	Flag repaired, . . .	1
Sheets made, . . .	14	Counterpanes repaired, . . .	12
Suits made, . . .	9	Rugs repaired, . . .	24
Sawdust bags made, . . .	2	Rugs bound, . . .	2
Rubber aprons made, . . .	2	Trousers shortened, pairs, . . .	5
Clothes bags made, . . .	15	Laundry bags repaired, . . .	12
Rubber pillow cases made, . . .	10	Chemise repaired, . . .	1
Mangle squares made, . . .	4	Nightshirts repaired, . . .	54
Mop cloths made, . . .	12	Spreads repaired, . . .	4
Bed ties made, . . .	12	Towels repaired, . . .	164
Barber sheets made, . . .	4	Skirts repaired, . . .	36
Stand covers made, . . .	34	Shirt waists repaired, . . .	5
Bath robe made, . . .	1	Vests repaired, . . .	19
Bed socks made, pairs, . . .	4	Shirts repaired, . . .	157
Masks made, . . .	25	Table cloths repaired, . . .	2
Kitchen aprons repaired, . . .	21	Curtains repaired, . . .	2
Overalls repaired, pairs, . . .	55	Garters repaired, pairs, . . .	12
Aprons repaired, . . .	32	Baseball suits repaired, . . .	2
Coats repaired, . . .	43	Stockings repaired, pairs, . . .	3
Trousers repaired, pairs, . . .	156	Mittens repaired, pairs, . . .	2
Drawers repaired, pairs, . . .	75	Undershirts repaired, . . .	146
Dresses repaired, . . .	41	Underdrawers repaired, pairs, . . .	124
Nightgowns repaired, . . .	23	Straw tick repaired, . . .	1
Petticoats repaired, . . .	2	Bath robe repaired, . . .	1
Sheets repaired, . . .	37	Overcoats repaired, . . .	4
Blankets repaired, . . .	50	Jackets repaired, . . .	5
Bibs repaired, . . .	18	Stage curtain repaired, . . .	1
Dresses refitted, . . .	2		

## ARTICLES MADE AND REPAIRED IN THE WARDS.

MADE.				
Aprons, . . . .	302	Jackets, . . . .	6	
Bibs, . . . .	156	Sofa pillows, . . . .	4	
Coats, . . . .	297	Suspenders, pairs, . . . .	3	
Drawers, pairs, . . . .	209	Overalls, pairs, . . . .	98	
Laundry bags, . . . .	2	Sofa pillow ticks, . . . .	2	
Trousers, pairs, . . . .	369	Tray cloths, . . . .	51	
Shirts, . . . .	391	Blanket, . . . .	1	
Dresses, . . . .	102	Stand covers, . . . .	6	
Children's aprons, . . . .	24	Sheets, . . . .	12	
Shirt waists, . . . .	5	Sleeves, pairs, . . . .	19	
Underwaists, . . . .	8	Suit, . . . .	1	
Cleaning cloths, . . . .	82	Ventilator curtains, . . . .	21	
Table cloth, . . . .	1	Union suit, . . . .	1	
Dress skirt, . . . .	1	Short nightgowns, . . . .	26	
Clothes bags, . . . .	40	Napkins, . . . .	43	
Vests, . . . .	48	Chemises, . . . .	59	
Sack aprons, . . . .	2	Pillow covers, . . . .	70	
Pop corn bags, . . . .	102	Dish towels, . . . .	97	
Petticoats, . . . .	75	Mats, . . . .	2	
Night gowns, . . . .	94	Bath towels, . . . .	236	
Dusters, . . . .	124			
Oven cloths, . . . .	50	REPAIRED.		
Undershirts, . . . .	16	Socks, pairs, . . . .	3,608	
Underdrawers, . . . .	31	Dress shortened, . . . .	1	
Nightshirts, . . . .	66	Shirt waists, . . . .	10	
Underskirts, . . . .	15	Skirts, . . . .	27	
Mittens, pairs, . . . .	14	Aprons, . . . .	132	
Mattress protectors, . . . .	22	Skirt made over, . . . .	1	
Towels, . . . .	1,548	Coats, . . . .	162	
Shirt waist suit, . . . .	1	Undershirts, . . . .	256	
		Underdrawers, pairs, . . . .	393	



Shirts, . . . .	413	Drawers, pairs, . . . .	56
Trousers, pairs, . . . .	315	Corset covers, . . . .	12
Nightshirts, . . . .	79	Petticoats, . . . .	25
Bands on dresses, . . . .	5	Union suit, . . . .	1
Overalls, pairs, . . . .	106	Pillow slip, . . . .	1
Blouses, . . . .	11	Corset waist, . . . .	1
Vests, . . . .	29	Chemises, . . . .	13
Overcoats, . . . .	2	Short nightgowns, . . . .	24
Dresses, . . . .	106	Mattress covers, . . . .	19
Nightgowns, . . . .	68	Wrappers, . . . .	10
Waists, . . . .	3	Dresses altered, . . . .	2
Clothes bags, . . . .	5	Jumpers, . . . .	20
Necktie, . . . .	1	Mittens, pairs, . . . .	4
Rugs, . . . .	4	Dish towels, . . . .	69

## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOM.

Men's slippers made, pairs, .	283	Overalls cut, pairs, . . .	108
Men's shoes made, pairs, .	106	Shoes repaired, pairs, .	1,344
Women's shoes made, pairs, .	73	Shoes marked, pairs, . . .	74
Rugs made, . . . . .	35	Halters repaired, . . . . .	2
Mattresses made, . . . . .	131	Chairs reseatd, . . . . .	119
Coat hangers made, . . . . .	60	Parts of harness repaired, .	23
Pillows made, . . . . .	250	Umbrellas repaired, . . . . .	124
Cribbage board made, . . . . .	1	Screens repaired, . . . . .	13
Door plates carved, . . . . .	5	Camp stools repaired, . . . . .	2
Figures carved, . . . . .	195	Belts repaired, . . . . .	5
Checker boards made, . . . . .	2	Suit case repaired, . . . . .	1
Large envelopes for office made, . . . . .	1,800	Floor pillows repaired, . . . . .	4
Head marks for cemetery carved, .	5	Pillows renovated, . . . . .	327
Note heads printed, boxes, .	11	Suspenders repaired, . . . . .	10
Envelopes printed, . . . . .	2,450	Mattresses repaired, . . . . .	60
Lectures, essays, rules, etc., printed, . . . . .	3,825	Saddle repaired, . . . . .	1
Blanks printed, . . . . .	33,140	Trusses repaired, . . . . .	3
Postal cards printed, . . . . .	500	Baseball mittens repaired, .	4
Woolen suits cut, . . . . .	26	Basket repaired, . . . . .	1
Trousers cut, pairs, . . . . .	22	Book repaired, . . . . .	1
Woolen vests cut, . . . . .	3	Cushion repaired, . . . . .	1
Woolen coats cut, . . . . .	5	Stable blankets repaired, . .	2
Denim suits cut, . . . . .	8	Broom handles sandpapered, .	150
Denim coats cut, . . . . .	65	Rugs for carriage repaired, .	2
Denim trousers cut, pairs, .	169	Beans picked over, barrels, .	1½
Vests cut, . . . . .	80	Mop repaired, . . . . .	1
Summer coats cut, . . . . .	52	Hair picked, rolls, . . . . .	57
		Barber chair repaired, . . . . .	1

## FARM PRODUCTS.

FROM OCT. 1, 1906, TO DEC. 1, 1907.

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Apples, cider, 491 bushels,	. . . . .	\$49 10
Apples, crab, 21 bushels,	. . . . .	20 00
Apples, eating, 321 barrels,	. . . . .	963 00
Beans, field, 6 bushels,	. . . . .	13 50
Beans, string, 139 bushels,	. . . . .	139 00
Beets, 59 bushels,	. . . . .	29 50
Beet greens, 42 bushels,	. . . . .	14 70
Cabbage, 812 heads,	. . . . .	40 60
Calves sold, 40,	. . . . .	119 50
Carrots, 375 bushels,	. . . . .	225 00
Corn, sweet, 126½ bushels,	. . . . .	94 87
Cucumbers, 35 boxes,	. . . . .	70 00
Cucumbers, pickling, 6 bushels,	. . . . .	9 60
Currants, 163 quarts,	. . . . .	17 93
Ensilage, 200 tons,	. . . . .	1,000 00
Green fodder, 90 tons,	. . . . .	450 00
Green peas, 35 bushels,	. . . . .	35 00
Hay, 310 tons,	. . . . .	5,580 00
Hay, oat, 25 tons,	. . . . .	450 00
Hay, meadow, 13 tons,	. . . . .	130 00
Lamb, 267 pounds,	. . . . .	32 04
Lettuce, 103 boxes,	. . . . .	77 25
Milk, 274,094 quarts,	. . . . .	13,704 70
Onions, 319 bushels,	. . . . .	271 15
Parsnips, 400 bushels,	. . . . .	300 00
Pears, 8 bushels,	. . . . .	14 00
Pork, 6,039½ pounds,	. . . . .	483 16
Potatoes, 1,075 bushels,	. . . . .	860 00
Pigs sold, 9,	. . . . .	25 00
Pumpkins, 6,500 pounds,	. . . . .	195 00
Radishes, 449 dozen bunches,	. . . . .	179 60
Rhubarb, 2,131 pounds,	. . . . .	42 62
Sand sold, 125 loads,	. . . . .	12 50

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*Amount carried forward,* . . . . . \$25,648 32

<i>Amount brought forward,</i>										\$25,648 32
Squash, summer, 40 $\frac{1}{4}$ barrels,	.	.	.	.	.	.	.	.	.	40 25
Squash, winter, 16 $\frac{3}{4}$ barrels,	.	.	.	.	.	.	.	.	.	25 20
Tomatoes, green, 16 bushels,	.	.	.	.	.	.	.	.	.	8 00
Tomatoes, ripe, 52 bushels,	.	.	.	.	.	.	.	.	.	39 00
Turnips, 20 $\frac{1}{2}$ barrels,	.	.	.	.	.	.	.	.	.	25 62
Unrendered lard, 540 pounds,	.	.	.	.	.	.	.	.	.	48 60
Vinegar, 2,250 gallons,	.	.	.	.	.	.	.	.	.	337 50
Wood, 140 cords,	.	.	.	.	.	.	.	.	.	630 00
Wool, 185 pounds,	.	.	.	.	.	.	.	.	.	46 25

## VEGETABLES FROM THE GREENHOUSE.

Asparagus, 2 boxes,	.	.	.	.	.	.	.	.	.	\$8 50
Beans, shell, 3 bushels,	.	.	.	.	.	.	.	.	.	3 75
Beans, string, 9 bushels,	.	.	.	.	.	.	.	.	.	6 30
Beet greens, 6 bushels,	.	.	.	.	.	.	.	.	.	2 10
Beets, 6 bushels,	.	.	.	.	.	.	.	.	.	3 00
Cabbage, 192 heads,	.	.	.	.	.	.	.	.	.	9 60
Celery, 20 $\frac{1}{2}$ boxes,	.	.	.	.	.	.	.	.	.	17 42
Corn, 21 bushels,	.	.	.	.	.	.	.	.	.	15 75
Cucumbers, 16 boxes,	.	.	.	.	.	.	.	.	.	32 00
Cucumbers for pickles, 3 pecks,	.	.	.	.	.	.	.	.	.	1 20
Dandelion greens, 8 bushels,	.	.	.	.	.	.	.	.	.	6 00
Eggs, 267 dozen,	.	.	.	.	.	.	.	.	.	93 45
Lettuce, 816 heads,	.	.	.	.	.	.	.	.	.	17 00
Onions, 2 bushels,	.	.	.	.	.	.	.	.	.	1 70
Parsnips, 4 bushels,	.	.	.	.	.	.	.	.	.	3 00
Peas, 4 $\frac{1}{2}$ bushels,	.	.	.	.	.	.	.	.	.	4 50
Pumpkins, 250 pounds,	.	.	.	.	.	.	.	.	.	7 50
Radishes, 4 dozen bunches,	.	.	.	.	.	.	.	.	.	1 60
Strawberries, 310 quarts,	.	.	.	.	.	.	.	.	.	24 80
Spinach, 3 bushels,	.	.	.	.	.	.	.	.	.	1 20
Squash, summer, 2 barrels,	.	.	.	.	.	.	.	.	.	2 00
Squash, winter, 2 barrels,	.	.	.	.	.	.	.	.	.	3 00
Tomatoes, green, 16 bushels,	.	.	.	.	.	.	.	.	.	8 00
Tomatoes, ripe, 21 bushels,	.	.	.	.	.	.	.	.	.	15 75

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 \$27,137 86



## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

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Superintendent, per year, . . . . .	\$3,000 00
Assistant physician, per year, . . . . .	1,500 00
Assistant physician, per year, . . . . .	1,000 00
Assistant physician, per year, . . . . .	1,000 00
Assistant physician, per year, . . . . .	600 00
Treasurer, per year, . . . . .	600 00
Clerk, per month, . . . . .	30 00
Office assistants, (2) per month, . . . . .	\$20 00-25 00
Janitor, per month, . . . . .	18 00
Steward, per year, . . . . .	1,200 00
Supervisor (women, 2), per month, . . . . .	\$35 00-40 00
Assistant supervisor (woman), per month, . . . . .	35 00
Supervisor (man), without board, per month, . . . . .	55 00
Supervisor (man), with board, per month, . . . . .	40 00
Assistant supervisors (men, 2), per month, . . . . .	\$35 00-37 00
Night nurses (women, 6), per month, . . . . .	20 00-30 00
Nurses (women, 25), per month, . . . . .	20 00-30 00
Night nurses (men, 8), per month, . . . . .	25 00-35 00
Nurses (men, 30), per month, . . . . .	25 00-35 00
Engineer, per year, . . . . .	1,100 00
Assistant engineer, per month, . . . . .	57 17
Firemen (4), per month, . . . . .	\$23 00-30 00
Firemen (3), per day, . . . . .	1 50
Baker, per month, . . . . .	50 00
Kitchen man, per month, . . . . .	25 00
Store assistants (2), per month, . . . . .	\$34 00-38 00
Cooks (5), per month, . . . . .	27 00-33 00
Assistant cooks (10), per month, . . . . .	18 00-20 00
Table girls (4), per month, . . . . .	18 00-20 00

Assistant seamstresses (5), per month,	.	.	.	\$16 00-18 00
Laundress, per month,	.	.	.	22 00
Laundryman, per month,	.	.	.	35 00
Assistant laundresses (5), per month,	.	.	.	\$16 00-18 00
Farmer, per month,	.	.	.	65 00
Assistant farmers (18), per month,	.	.	.	\$23 00-35 00
Head carpenter, per day,	.	.	.	3 00
Assistant carpenters (2), per day,	.	.	.	2 50
Painter, without board, per day,	.	.	.	2 50
Mason, per month,	.	.	.	50 00

## TREASURER'S REPORT.

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*To the Trustees of the Massachusetts Hospital for Epileptics.*

The report of the finances of this institution for the year ending Nov. 30, 1907, is herewith respectfully submitted: —

### ASSETS.

Real estate: —

Cultivated land, 113 acres, . . . . .	\$17,311 00	
Woodland, 21 acres, . . . . .	1,465 00	
Pasturage, 104 acres, . . . . .	4,487 00	
Farm (under appropriation 1901), viz.: —		
Cultivated land, 40 acres, . . . . .	1,600 00	
Woodland, 50 acres, . . . . .	1,100 00	
Pasturage, 30 acres, . . . . .	300 00	
Farm (under appropriation 1903), viz.: —		
Cultivated land, 53 acres, . . . . .	1,219 00	
Woodland, 190 acres, . . . . .	2,850 00	
Pasturage, 57 acres, . . . . .	855 00	
Water and sewerage systems, . . . . .	38,947 94	
Outside electric lighting (farm group), . . . . .	800 00	
Quarry, . . . . .	450 00	
	<hr/>	\$71,384 94

Buildings: —

Original buildings, . . . . .	\$39,620 00
Buildings (under appropriation 1895), . . . . .	84,800 00
Buildings (under appropriation 1899), . . . . .	86,600 00
Nurses' home, . } (under appropriation	
Electric building, { 1902), . . . . .	26,345 00
Boiler house (under appropriation 1900), . . . . .	5,050 00
Laundry (under appropriation 1901), . . . . .	9,500 00
Coal trestle for heating purposes (previously included under building increase), . . . . .	250 00
Greenhouse and hen houses, . . . . .	2,600 00

<i>Amounts carried forward, . . . . .</i>	\$254,765 00	\$71,384 94
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*Amounts brought forward,* . . . \$254,765 00 \$71,384 94

Farm group (under appropriation 1903), viz.:—

Nos. 1 and 2, . . . . .	27,957 52	
No. 3, . . . . .	6,248 38	
Barns, . . . . .	2,827 97	
Farm cottage (under appropriation 1901),	1,200 00	
Vegetable cellar, . . . . .	1,463 19	
New building, men's north, . . . . .	75,000 00	
Stone crusher (under appropriation 1906),	2,000 00	
New building, women's south, . . . . .	64,219 00	
Horse stable (under appropriation 1907), .	4,372 76	
	<hr/>	440,053 82

Personal estate:—

Live stock, . . . . .	\$10,340 00	
Produce of the farm on hand, . . . . .	9,364 50	
Carriages and agricultural implements, .	4,648 02	
Machinery and mechanical fixtures, . . .	47,144 95	
Beds and bedding in inmates' department,	14,711 52	
Other furniture in inmates' department, .	27,769 55	
Personal property of State in administra- tion building, . . . . .	8,310 57	
Personal property of State in employees' cottage, . . . . .	1,634 52	
Personal property of State in nurses' home,	3,010 75	
Personal property of State in farm group No. 3, . . . . .	1,037 95	
Personal property of State in greenhouse, .	1,992 45	
Ready-made clothing, . . . . .	2,299 75	
Dry goods, . . . . .	4,359 58	
Provisions and groceries, . . . . .	1,805 96	
Drugs and medicines, . . . . .	2,934 39	
Instruments and laboratory fittings, . .	2,530 77	
Fuel, . . . . .	8,525 85	
Library, . . . . .	900 00	
Other supplies undistributed, . . . . .	6,451 13	
	<hr/>	159,772 21

Total, . . . . . \$671,210 97

RECEIPTS.

Cash on hand Dec. 1, 1906, . . . . .	\$2,000 00	
Received from State on special appropriations:—		
Building, 1905, . . . . .	\$1,749 97	
Furnishings, 1905, . . . . .	649 27	
	<hr/>	
<i>Amounts carried forward,</i> . . . . .	\$2,399 24	\$2,000 00



<i>Amounts brought forward,</i> . . .	\$2,399 24	\$2,000 00
Building and furnishings, 1906, . .	50,799 65	
Stone crusher, 1906, . . . . .	1,654 20	
Horse stable, 1907, . . . . .	4,122 76	
Alterations, etc., 1907, . . . . .	849 10	
Total from appropriations, . .	<hr/>	59,824 95
Received from State for maintenance, .	\$132,475 85	
Received from towns for support of patients,	33,850 30	
Received from individuals for support of patients, . . . . .	7,941 23	
Received from reimbursements for support of patients, . . . . .	987 45	
Received from soldiers' relief for support of patients, . . . . .	155 53	
Received from farm and farm produce, .	186 86	
Received from store, . . . . .	493 58	
Received from interest on bank deposit, .	159 06	
Received from sundries, . . . . .	181 65	
	<hr/>	176,431 51
Total receipts, . . . . .		\$238,256 46

## EXPENDITURES.

Salaries, wages and labor, . . . . .	\$52,379 77
Food:—	
Butter, . . . . .	\$5,238 44
Beans, . . . . .	107 31
Bread and crackers, . . . . .	340 51
Cereals, rice, meal, etc., . . . . .	1,221 42
Cheese, . . . . .	115 47
Eggs, . . . . .	1,735 58
Flour, . . . . .	3,306 12
Fish, . . . . .	1,266 61
Dried and fresh fruit, . . . . .	1,013 73
Meats, . . . . .	7,902 04
Milk, . . . . .	14 90
Molasses and syrup, . . . . .	411 16
Sugar, . . . . .	1,757 15
Tea, coffee, broma and cocoa, . . . . .	473 72
Vegetables, . . . . .	3,729 81
Sundries, . . . . .	1,267 23
	<hr/>
	29,901 20
<i>Amount carried forward,</i> . . . . .	\$82,280 97

*Amount brought forward,* . . . . . \$82,280 97

Clothing and clothing material: —

Boots, shoes and rubbers, . . . . .	\$693 66	
Clothing, . . . . .	551 14	
Dry goods for clothing, and small wares, .	1,481 40	
Furnishing goods, . . . . .	290 36	
Hats and caps, . . . . .	81 25	
Leather and shoe findings, . . . . .	484 72	
Sundries, . . . . .	15 08	
	<hr/>	3,597 61

Furnishings: —

Beds, bedding, table linen, etc., . . . . .	\$2,052 72	
Brushes, brooms, etc., . . . . .	393 61	
Carpets, rugs, etc., . . . . .	525 70	
Crockery, glassware, cutlery, etc., . . . . .	739 52	
Furniture and upholstery, . . . . .	448 40	
Kitchen furnishings, . . . . .	428 49	
Wooden ware, buckets, pails, etc., . . . . .	100 63	
Sundries, . . . . .	411 11	
	<hr/>	5,100 18

Heat, light and power: —

Coal, . . . . .	\$11,178 41	
Gas, . . . . .	66 86	
Oil, . . . . .	332 23	
Sundries, . . . . .	116 47	
	<hr/>	11,693 97

Repairs and improvements: —

Brick, . . . . .	\$69 00	
Cement, lime and plaster, . . . . .	1,245 23	
Door sashes, etc., . . . . .	34 50	
Electrical work and supplies, . . . . .	596 72	
Hardware, iron, steel, etc., . . . . .	300 66	
Lumber, . . . . .	1,145 10	
Machinery, etc., . . . . .	246 71	
Paints, oil, glass, etc., . . . . .	1,508 96	
Plumbing, steam fitting and supplies, .	2,737 18	
Mechanics and laborers (not on pay roll), .	1,407 84	
Sundries, . . . . .	222 08	
	<hr/>	9,513 98

Miscellaneous: —

Books, periodicals, etc., . . . . .	\$226 06	
Chapel services and entertainments, .	960 47	
Freight, express and transportation, .	814 08	

*Amounts carried forward,* . . . . . \$2,000 61 \$112,186 71

<i>Amounts brought forward,</i> . . .	\$2,000 61	\$112,186 71
Funeral expenses, . . . . .	129 50	
Gratuities, . . . . .	83 16	
Hose, . . . . .	58 00	
Labor (not on pay roll), . . . . .	280 71	
Medicines and hospital supplies, . . . . .	1,999 40	
Medical attendance, nurses, etc. (extra), . . . . .	52 00	
Postage, . . . . .	334 84	
Printing and printing supplies, . . . . .	63 26	
Return of runaways, . . . . .	31 94	
Soap and laundry supplies, . . . . .	503 32	
Stationery and office supplies, . . . . .	439 79	
School books and school supplies, . . . . .	1 58	
Travel and expenses (officials), . . . . .	462 87	
Telephone and telegraph, . . . . .	197 23	
Tobacco, . . . . .	590 57	
Water, . . . . .	967 91	
Sundries, . . . . .	978 28	
Annual report, . . . . .	167 33	
		<hr/>
		9,342 30

## Farm, stable and grounds: —

Blacksmith and supplies, . . . . .	\$302 62	
Carriages, wagons, etc., and repairs, . . . . .	341 02	
Fertilizers, vines, seeds, etc., . . . . .	461 96	
Hay, grain, etc., . . . . .	4,451 05	
Harnesses and repairs, . . . . .	345 85	
Horses, . . . . .	235 00	
Other live stock, . . . . .	19 00	
Labor (not on pay roll), . . . . .	962 38	
Rent, . . . . .	115 00	
Tools, farm machines, etc., . . . . .	932 36	
Sundries, . . . . .	780 60	
		<hr/>
		8,946 84

Total expense for maintenance, . . . . .	\$130,475 85
Other expenses on special appropriations, . . . . .	59,824 95
Paid State Treasurer, . . . . .	43,809 22
Refunded to towns, . . . . .	42 71
Refunded to individuals, . . . . .	101 93
Sundry payments, . . . . .	1 80

Total expenditures, . . . . .	\$234,256 46
Cash on hand Nov. 30, 1907, . . . . .	4,000 00

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\$238,256 46

## RESOURCES.

Cash on hand, . . . . .	\$4,000 00	
Balance of maintenance with State Treasurer, . . . . .	7,304 74	
Bills receivable for board, . . . . .	13,711 19	
Other bills receivable, . . . . .	17 78	
Unexpended special appropriations, . . . . .	22,922 58	
		<u>\$47,956 29</u>

## LIABILITIES.

Salaries unpaid, . . . . .	\$4,901 92	
Maintenance bills, . . . . .	6,305 49	
Special appropriation bills, . . . . .	2,151 72	
		<u>13,359 13</u>
Resources over liabilities, . . . . .	\$34,597 16	

*Statement of Appropriations.*

	Amount.	Expended previously.	Expended Last Twelve Months.	Balance.
Building, 1905, . . . . .	\$75,000 00	\$73,250 03	\$1,749 97	-
Furnishings, 1905, . . . . .	5,000 00	4,350 73	649 27	-
Building and furnishings, 1906, . . . . .	80,000 00	11,805 91	50,799 65	\$17,394 44
Alterations, etc., 1907, . . . . .	3,400 00	-	849 10	2,550 90
Constructing silos, 1907, . . . . .	1,100 00	-	-	1,100 00
Horse stable, 1907, . . . . .	6,000 00	-	4,122 76	1,877 24
Stone crusher, 1906, . . . . .	2,000 00	345 80	1,654 20	-
	<u>\$172,500 00</u>	<u>\$89,752 47</u>	<u>\$59,824 95</u>	<u>\$22,922 58</u>

## NURSES' TRAINING SCHOOL FUND.

Balance on hand Nov. 30, 1906, . . . . .	\$163 32
Twelve months' receipts, . . . . .	655 03
	<u>\$818 35</u>
Twelve months' payments, . . . . .	599 00
	<u>\$219 35</u>



*Investment.*

Deposited in Palmer National Bank, . . . . .	\$179 63
Cash in safe, at hospital, . . . . .	39 72
	<hr/>
	\$219 35

## PATIENTS' MONEY.

Balance on hand Nov. 30, 1906, . . . . .	\$538 10
Twelve months' receipts, . . . . .	1,714 76
	<hr/>
	\$2,252 86
Twelve months' payments, . . . . .	1,482 22
	<hr/>
Balance on hand Nov. 30, 1907, . . . . .	\$770 64

*Investment.*

Palmer Savings Bank, . . . . .	\$556 00
Palmer National Bank, . . . . .	178 14
Cash in safe at hospital, . . . . .	36 50
	<hr/>
	\$770 64

Respectfully submitted,

WALTER E. HATCH,

*Treasurer.*

DEC. 2, 1907.

This certifies that I have compared the treasurer's report for the year ending Nov. 30, 1907, with the books kept at the institution, and find them to agree. The cash account shows a balance in the treasurer's hands of \$4,000, as follows: —

Deposited in Palmer National Bank, . . . . .	\$2,553 73
Cash vouchers, etc., not entered, . . . . .	1,248 41
Cash in safe at hospital, . . . . .	197 86
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	\$4,000 00

GEORGE L. CLARK,

*Auditor.*

DEC. 14, 1907.



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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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# 1. — General Statistics for the Year.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1906,	147	120	267	136	128	264	283	248	531
Admitted within the year,	31	26	57	83	56	139	114	82	196
Viz.: by commitment,	26	24	50	58	41	99	84	65	149
by transfer,	1	1	2	—	—	—	1	1	2
from escape,	—	—	—	2	—	2	2	—	2
from visit,	4	1	5	23	15	38	27	16	43
Whole number of cases within the year,	178	146	324	219	184	403	397	330	727
Dismissed within the year,	22	11	33	73	51	124	95	62	157
Discharged,	9	2	11	35	25	60	44	27	71
as recovered,	—	—	—	—	—	—	—	—	—
as capable of self-support,	—	—	—	2	—	2	2	—	2
as improved,	9	2	11	25	21	46	34	23	57
as not improved,	—	—	—	8	4	12	4	—	4
Died,	11	6	17	9	8	17	20	14	34
Transferred,	—	1	1	—	—	—	1	—	1
Escaped,	—	—	—	5	—	5	5	—	5
On visit Oct. 1, 1907,	2	2	4	24	18	42	26	20	46
Patients remaining Sept. 30, 1907,	156	135	291	146	133	279	302	268	570
Viz.: State patients,	146	131	277	36	36	72	182	167	349
town patients,	—	—	—	93	90	183	93	90	183
private patients,	3	3	6	17	7	24	20	10	30
reimbursing patients,	7	1	8	—	—	—	7	1	8
Number of different persons within the year,	171	141	312	197	169	366	368	310	678
Number of different persons admitted,	27	25	52	62	41	103	89	66	155
Number of different persons admitted by commitment,	26	24	50	58	39	97	84	63	147
Number of different persons dismissed,	18	10	28	52	37	89	70	47	117
Number of different persons discharged capable of self-support,	—	—	—	1	—	1	1	—	1
Daily average number of patients,	148.34	126.72	275.06	145.82	129.56	275.38	294.16	256.28	550.44
Viz.: State patients,	138.76	121.88	260.64	28.09	23.91	52.00	166.85	145.79	312.64
town patients,	—	—	—	100.53	98.13	198.66	100.53	98.13	198.66
private patients,	3.71	3.00	6.71	17.20	7.52	24.72	20.91	10.52	31.43
reimbursing patients,	5.87	1.84	7.71	—	—	—	5.87	1.84	7.71

<sup>1</sup> Nominally admitted to discharge: insane: males, 4; females, 1; total, 5; sane: males, 21; females, 13; total, 34; total, 39.

<sup>2</sup> One female admitted as sane and readmitted as insane

2. — *Received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.							
	INSANE.			SANE.			TOTALS.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.
First to this hospital, . . .	25	22 <sup>1</sup>	47	49	35	84	74	57
Second to this hospital, . . .	—	—	—	7	5 <sup>1</sup>	12	7	5
Third to this hospital, . . .	—	1	1	2	—	2	2	1
Fourth to this hospital, . . .	1	—	1	—	—	—	1	—
Fifth to this hospital, . . .	—	1	1	—	—	—	—	1
Unknown, . . .	—	—	—	—	1	1	—	1
Total cases, . . .	26	24	50	58	41	99	84	65
Total persons, . . .	26	23	49	58	40	98	84	63
First admitted to any hospital, . . .	23	22	45	44	35	79	67	57

<sup>1</sup> One female admitted as sane and readmitted for first time as insane during the year.

3. — *Nativity and Parentage of Persons first admitted to Any Hospital.*

	INSANE.						SANE.						TOTALS.					
	MALES.			FEMALES.			MALES.			FEMALES.			MALES.			FEMALES.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts, . . . . .	15	7	10	14	4	5	29	11	15	28	10	10	21	8	5	49	18	15
Other New England States, . . . . .	2	2	2	1	4	2	4	6	3	6	5	8	4	5	3	10	10	11
Other States, . . . . .	2	2	3	-	2	3	2	4	6	5	2	4	-	1	2	5	3	6
Total native, . . . . .	19	11	14	16	10	10	35	21	24	39	17	22	25	14	10	64	31	32
Other countries:—																		
Austria, . . . . .	1	1	3	-	-	-	-	-	3	-	1	3	2	3	-	2	1	5
Canada, . . . . .	-	-	-	-	-	-	-	-	-	1	3	1	-	-	-	1	6	1
Cape Verde Island, . . . . .	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1	1
Denmark, . . . . .	-	-	-	-	-	-	-	-	3	-	2	2	-	-	-	1	5	3
England, . . . . .	-	-	-	-	-	-	-	-	4	-	4	3	1	3	-	4	4	3
Germany, . . . . .	-	-	-	-	-	-	-	-	5	-	6	7	3	13	14	4	19	21
Ireland, . . . . .	-	-	-	-	-	-	-	-	1	-	1	1	-	1	1	1	1	1
Italy, . . . . .	-	-	-	-	-	-	-	-	3	-	1	-	-	1	2	1	1	2
New Brunswick, . . . . .	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Norway, . . . . .	-	-	-	-	-	-	-	-	3	-	1	1	-	-	-	1	1	2
Nova Scotia, . . . . .	1	1	1	2	-	-	3	1	3	-	1	1	1	-	1	1	1	2
Poland, Russia, . . . . .	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Prince Edward Island, . . . . .	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Quebec, . . . . .	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-
Russia, . . . . .	-	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	-	-
Scotland, . . . . .	-	-	-	-	-	-	-	-	3	-	1	1	-	-	-	-	-	-
Sweden, . . . . .	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
Total foreign, . . . . .	3	12	9	5	9	10	8	21	19	5	26	21	9	20	23	14	46	44
Unknown, . . . . .	1	-	-	1	3	2	2	3	2	-	1	1	1	1	2	1	2	3
Totals, . . . . .	23	23	23	22	22	22	45	45	45	44	44	44	35	35	35	79	79	79

4. — *Residence of Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —									
Berkshire County, . . . . .	—	1	1	—	—	—	—	1	1
Bristol County, . . . . .	—	—	—	—	—	—	—	—	—
Essex County, . . . . .	—	1	1	—	—	—	—	1	1
Franklin County, . . . . .	—	—	—	—	—	—	—	—	—
Hampden County, . . . . .	2	—	2	—	—	—	2	—	2
Middlesex County, . . . . .	2	1	3	—	1	1	2	2	4
Norfolk County, . . . . .	—	1	1	—	—	—	—	1	1
Plymouth County, . . . . .	—	—	—	—	—	—	—	—	—
Suffolk County, . . . . .	5	8	13	2	1	3	7	9	16
Worcester County, . . . . .	14	10	24	1	—	1	15	10	25
Totals, . . . . .	23	22	45	3	2	5	26	24	50
Cities or large towns (10,000 or over), . . . . .	8	12	20	2	2	4	10	14	24
Country districts (under 10,000),	15	9	24	1	1	2	16	10	26
B. — Sane: —									
Berkshire County, . . . . .	2	1	3	—	1	1	2	2	4
Bristol County, . . . . .	1	—	1	1	—	1	2	—	2
Essex County, . . . . .	5	4	9	2	—	2	7	4	11
Franklin County, . . . . .	—	2	2	1	—	1	1	2	3
Hampden County, . . . . .	5	3	8	—	—	—	5	3	8
Middlesex County, . . . . .	7	9	16	4	2	6	11	11	22
Norfolk County, . . . . .	2	2	4	—	—	—	2	2	4
Plymouth County, . . . . .	2	—	2	—	—	—	2	—	2
Suffolk County, . . . . .	14	12	26	5	2	7	19	14	33
Worcester County, . . . . .	6	2	8	1	—	1	7	2	9
Totals, . . . . .	44	35	79	14	5	19	58	40	98 <sup>1</sup>
Cities or large towns (10,000 or over), . . . . .	36	27	63	11	3	14	47	30	77
Country districts (under 10,000),	8	8	16	3	2	5	11	10	21

<sup>1</sup> One female admitted as sane, and readmitted as insane for the first time, during the year.

5. — *Civil Condition of Persons first admitted to Any Hospital.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, . . . . .	20	17	37	36	24	60	56	41	97
Married, . . . . .	1	4	5	6	7	13	7	11	18
Widowed, . . . . .	2	1	3	2	4	6	4	5	9
Divorced, . . . . .	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Totals, . . . . .	23	22	45	44	35	79	67	57	124



## 6. — Occupations of Persons first admitted to Any Hospital.

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Carpenter, . . .	—	1	1	Office boy, . . .	—	1	1
Clerks, . . .	1	2	3	Paper maker, . . .	—	1	1
Conductor, . . .	—	1	1	Scholars, . . .	—	3	3
Engineer, . . .	—	1	1	Shoemakers, . . .	—	2	2
Farmers, . . .	—	2	2	Solicitor, . . .	—	1	1
Hostler, . . .	—	1	1	Traveling salesman, . . .	—	1	1
Laborers, . . .	1	7	8	Waiter, . . .	1	—	1
Machinist, . . .	1	—	1	No occupation, . . .	19	18	37
Mattress maker, . . .	—	1	1				
Mechanic, . . .	—	1	1	Totals, . . .	23	44	67

## FEMALES.

Bookkeeper, . . .	—	1	1	Scholar, . . .	—	1	1
Cook, . . .	—	1	1	Waitress, . . .	—	1	1
Domestics, . . .	1	8	9	No occupation, . . .	19	18	37
Housekeeper, . . .	—	1	1				
Housewives, . . .	2	3	5	Totals, . . .	22	35	57
Mill operative, . . .	—	1	1				

## WIFE OR DAUGHTER OF —

Barber, . . .	1	—	1	Operatives, . . .	1	1	2
Butcher, . . .	1	—	1	Painter, . . .	1	—	1
Carpenters, . . .	—	2	2	Plumber, . . .	1	—	1
Cattle dealer, . . .	—	1	1	Shoemakers, . . .	1	1	2
Coal dealer, . . .	—	1	1	Tailor, . . .	—	1	1
Farmers, . . .	—	3	3	Teamster, . . .	—	1	1
Laborers, . . .	2	7	9	Ticket agent, . . .	—	1	1
Life saver, . . .	—	1	1	Tinsmith, . . .	1	—	1
Liquor dealer, . . .	—	1	1	Unknown, . . .	13	12	25
Marble cutter, . . .	—	1	1				
Mechanic, . . .	—	1	1	Totals, . . .	22	36	58
Night watchman, . . .	—	1	1				

7. — *Ages of Epileptics at First Attack, Admission and Death.*

INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK OF INSANITY.			WHEN ADMITTED.			AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	.	.	.	.	.	.	.	.	.	.	.	.
15 years and less,	12	7	19	12	7	19	12	7	19	5	4	9
From 15 to 20 years,	3	3	6	3	4	7	3	3	6	3	1	4
20 to 25 years,	4	1	5	4	1	5	4	1	5	3	1	4
25 to 30 years,	.	5	5	4	1	5	2	1	3	1	1	2
30 to 35 years,	.	5	5	1	1	2	1	1	2	1	1	2
35 to 40 years,	1	2	3	1	1	2	2	2	4	1	1	2
40 to 50 years,	1	2	3	1	1	2	1	1	2	1	1	2
50 to 60 years,	1	2	3	1	1	2	1	1	2	1	1	2
60 to 70 years,	1	1	2	1	1	2	1	1	2	1	1	2
70 to 80 years,	1	1	2	1	1	2	1	1	2	1	1	2
80 to 90 years,	1	1	2	1	1	2	1	1	2	1	1	2
Totals,	23	22	45	23	20	43	11	6	17	11	6	17
Unknown,	.	.	.	.	.	.	.	.	.	.	.	.
Total persons,	23	22	45	23	22	45	11	6	17	11	6	17
Mean known ages,	18.36	23.40	20.83	11.95	17.37	14.47	26.81	29.18	27.64	18.18	17.08	17.79
	.	.	.	.	.	.	35.45	36.66	35.88	35.45	36.66	35.88

7.— *Ages of Epileptics at First Attack, Admission and Death*—Concluded.

SAME.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.		
	AT FIRST ATTACK OF EPILEPSY.			WHEN ADMITTED.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital.	5	1	6	8	3	11	4	5	9
15 years and less.	21	19	40	12	6	18	2	1	3
From 15 to 20 years.	5	4	9	5	8	13	—	1	1
20 to 25 years.	4	3	7	8	6	14	—	—	—
25 to 30 years.	2	3	5	8	6	14	—	—	—
30 to 35 years.	2	—	2	—	3	3	—	—	—
35 to 40 years.	1	—	1	6	2	8	—	1	1
40 to 50 years.	2	2	4	2	4	6	—	—	—
50 to 60 years.	1	1	2	2	1	3	1	—	1
60 to 70 years.	—	—	—	1	1	2	1	—	1
70 to 80 years.	—	—	—	—	—	—	—	—	—
80 to 90 years.	—	—	—	—	—	—	—	—	—
Totals.	43	33	76	44	34	78	8	8	16
Unknown.	1	2	3	—	1	1	1	—	1
Total persons.	44	35	79	44	35	79	9	8	17
Mean known ages.	14.82	14.46	14.67	24.92	27.78	26.17	23.66	29.06	35.58

## 8. — Probable Causes of Epilepsy in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical: —												
Alcoholism, .	—	1	1	—	—	—	—	—	—	—	—	—
Cerebral hemorrhage, .	1	1	2	—	1	1	—	—	—	—	—	—
Dentition, .	1	1	2	1	—	1	—	—	—	—	—	—
Head injury, .	2	1	3	—	—	—	—	—	—	—	—	—
Polioencephalitis, .	—	1	1	—	—	—	—	—	—	—	—	—
Rachitis, .	1	—	1	—	—	—	—	—	—	—	—	—
Scarlet fever and chronic running ears, .	—	1	1	—	—	—	—	—	—	—	—	—
Whooping cough, .	1	—	1	—	—	—	—	—	—	—	—	—
Totals, .	6	6	12	1	1	2	—	—	—	—	—	—
Unknown, .	17	16	33	3	3	6	—	—	—	—	—	—
Totals, .	23	22	45	4	4	8	—	—	—	—	—	—
<i>Sane.</i>												
Physical: —												
Alcoholism, .	1	1	2	—	—	—	—	—	—	1	1	2
Cerebral hemorrhage, .	—	2	2	—	—	—	—	—	—	—	—	—
Chronic running ears, .	1	—	1	—	—	—	—	—	—	—	—	—
Dentition, .	1	—	1	1	—	1	—	—	—	—	—	—
Head injury, .	3	—	3	—	—	—	—	—	—	—	—	—
Indigestion, .	—	1	1	—	—	—	—	—	—	—	—	—
Kidney disease, .	1	—	1	—	—	—	—	—	—	—	—	—
Malaria, .	1	—	1	1	—	1	—	—	—	—	—	—
Meningitis, .	—	1	1	—	—	—	—	—	—	—	—	—
Overstudy, .	—	1	1	—	—	—	—	—	—	—	—	—
Overwork, .	1	—	1	1	—	1	—	—	—	—	—	—
Poliomyelitis, .	—	1	1	—	—	—	—	—	—	—	—	—
Sunstroke, .	1	—	1	1	—	1	—	—	—	—	—	—
Syphilis, .	1	—	1	1	—	1	—	—	—	—	—	—
Mental: —												
Fright, .	—	1	1	—	—	—	—	—	—	—	—	—
Totals, .	11	8	19	5	—	5	—	—	—	1	1	2
Unknown, .	33	27	60	9	11	20	—	—	—	—	—	—
Totals, .	44	35	79	14	11	25	—	—	—	1	1	2
Aggregates, .	17	14	31	6	1	7	—	—	—	1	1	2
Unknown, .	50	43	93	12	14	26	—	—	—	—	—	—
Aggregates, .	67	57	124	18	15	33	—	—	—	1	1	2





10. — Discharges, classified by Admission and Result as to Epilepsy and Deaths.

NUMBER OF ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	6	2	8	—	—	—	8	6	14	14	8	22
Second to this hospital, .	—	—	—	—	—	—	2	—	2	—	—	—	3	—	3	5	—	5
Third to this hospital, .	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	1	—	1
Total cases, .	—	—	—	—	—	—	9	2	11	—	—	—	11	6	17	20	8	28
Total persons, .	—	—	—	—	—	—	9	2	11	—	—	—	11	6	17	20	8	28
First admitted to any hospital, .	—	—	—	—	—	—	5	1	6	—	—	—	5	1	6	10	2	12
B. — Sane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	22	20	42	8	2	10	8	8	16	38	30	68
Second to this hospital, .	—	—	—	2	—	2	1	1	2	—	1	1	1	—	1	4	2	6
Third to this hospital, .	—	—	—	—	—	—	2	—	2	—	—	—	—	—	—	2	—	2
Fourth to this hospital, .	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1	1
Total cases, .	—	—	—	2	—	2	25	21	46	8	4	12	9	8	17	44	33	77
Total persons, .	—	—	—	2	—	2	25	21	46	8	4	12	9	8	17	44	33	77
First admitted to any hospital, .	—	—	—	—	—	—	21	19	40	8	2	10	8	8	16	37	29	66

11. — *Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system: —									
Central neuritis, . . .	1	—	1	1	—	1	2	—	2
Cerebral hemorrhage, . .	—	1	1	1	—	1	1	1	2
Epileptic convulsion, . .	1	—	1	—	—	—	1	—	1
Epilepsy, . . . . .	1	1	2	2	2	4	3	3	6
Exhaustion, . . . . .	—	—	—	1	—	1	1	—	1
Exhaustion from epilepsy,	1	—	1	—	—	—	1	—	1
General paresis, . . . .	1	—	1	—	—	—	1	—	1
Status epilepticus, . . .	5	1	6	2	1	3	7	2	9
Tubercular meningitis, . .	—	—	—	—	1	1	—	1	1
Respiratory system: —									
Acute miliary tuberculosis,	—	1	1	—	—	—	—	1	1
Lobar pneumonia, . . . .	—	1	1	1	2	3	1	3	4
Pulmonary thrombosis, . .	—	—	—	—	1	1	—	1	1
Pulmonary tuberculosis, . .	—	1	1	—	—	—	—	1	1
Circulatory system: —									
Dilation of heart due to chronic endocarditis.	—	—	—	—	1	1	—	1	1
Senile gangrene of the foot,	—	—	—	1	—	1	1	—	1
General: —									
Asphyxia, . . . . .	1	—	1	—	—	—	1	—	1
Totals, . . . . .	11	6	17	9	8	17	20	14	34









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REPORT OF THE TRUSTEES

OF THE

MASSACHUSETTS

HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE

YEAR ENDING NOVEMBER 30, 1908.



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# OFFICERS

## OF THE

### MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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#### TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	.	.	.	.	BOSTON.
MABEL W. STEDMAN, <i>Secretary</i> ,	.	.	.	.	BROOKLINE.
HENRY P. JAKES, M.D.,	.	.	.	.	LENOX.
WALTER W. SCOFIELD, M.D.,	.	.	.	.	DALTON.
WINFORD N. CALDWELL,	.	.	.	.	SPRINGFIELD.
MARY P. TOWNSLEY,	.	.	.	.	SPRINGFIELD.
JOHN BAPST BLAKE, M.D.,	.	.	.	.	BOSTON.

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#### RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	.	.	.	.	<i>Superintendent.</i>
MORGAN B. HODSKINS, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
EDWARD A. KENNEDY, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
ALDEN V. COOPER, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
MELVIN E. COWEN, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
EDITH E. SMITH,	.	.	.	.	<i>Clerk.</i>
CHARLES F. SIMONDS,	.	.	.	.	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	.	.	.	.	<i>Engineer.</i>
GEORGE H. GALLUP,	.	.	.	.	<i>Farmer.</i>

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WALTER E. HATCH,	.	.	.	.	<i>Clerk and Treasurer.</i>
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#### NON-RESIDENT OFFICERS.

DR. E. G. BRACKETT,	.	.	.	.	<i>Consulting Orthopedic Surgeon.</i>
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# The Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Massachusetts Hospital for Epileptics at Monson respectfully submit the following report.

The Board feel that both they and the hospital have undergone a serious loss in the death of Mr. Clough, who had been a trustee since the establishment of the hospital. He had devoted his time and energy for many years to the benefit of this institution and its inmates. He was most conscientious and careful in his attention to all questions relating to the policy and administration of the hospital and to the care and comfort of the patients, and the Board was accustomed to rely much upon his wisdom and judgment. He died at Pinehurst, N. C., Feb. 8, 1908.

The trustees have named the new men's building the Clough building, in his memory.

In July the Governor appointed Dr. John Bapst Blake of Boston in the place of Mr. Clough, and reappointed Dr. H. P. Jaques, whose term of office had expired. These appointments were confirmed by the Council.

There has been no change in the medical staff of the hospital during the past year. It has long been the desire of the Board to appoint an assistant physician who should devote himself wholly to research and investigation into the cause of epilepsy, the best methods for its treatment and cure and such other cognate subjects as may seem most likely to develop our practical knowledge of this disease. During the past year we have devoted much consideration to this subject, and it is hoped that the right person for this position has now been found.

The appropriations for last year amounted to \$13,000, apportioned as follows:—

Construction and furnishing building for male employees, .	\$5,900 00
Bread oven, . . . . .	1,500 00
Ensilage cutter and motor and instalment, . . . . .	850 00
Removal of stable, . . . . .	500 00
Renewal of pipes in administration building, . . . . .	350 00
Completion and furnishing of rooms in the women's south building, . . . . .	3,900 00
	<hr/>
	\$13,000 00

The new building for male employees has been placed on the west side of the road from Palmer to the hospital, nearly opposite the old house, now used for the farmers. This building is now nearly completed. The laying of the water and sewerage pipes and their connection with the main pipes and drain, respectively, has been accomplished largely through the work of the patients. The building seems satisfactory, and will much relieve our difficulties in regard to the arrangements for employees.

The stable has been removed and placed on an excellent stone foundation with a good cellar. We have ample place here for the storage of supplies and a fine root storage cellar.

From the old material from some of the sheds which were pulled down we have made a new tool house and a new greenhouse.

The bread oven has been completed and is now in use. Arrangements are under way for installing the ensilage cutter. The renewal of the pipes in the administration building will be undertaken as soon as is possible without disturbing the work now being done there.

In regard to the completion and furnishing of the rooms on the ground floor of the women's south building the trustees have delayed action. While on the whole it seems advisable that this should be undertaken, certain new considerations have arisen which demand time and thought. A definite conclusion in regard to this matter will be shortly reached and duly reported.

The appropriations asked for for the coming year are:—

For the construction and furnishing of two buildings for children in a portion of the estate somewhat separated from the main group of buildings for the adults; for the construction and furnishing of a building for the administration work of this group and for employees; for the kitchen and heating plant; for the proper laying and connection of the water pipes from these buildings with the present mains, and for the proper laying and connection of the sewerage pipes, . . . . .	\$125,000 00
For the reconstruction and relocation of the cow barn and hay barn, . . . . .	8,000 00

Since the lowering of the age limit for the admission of patients, and since the removal of the restriction on the reception of the feeble-minded by the Legislature, we have received and we are liable to receive children whom it is not advisable to place with the adults, and for whom some separate provision must be made. The separation of epileptic children from the adult epileptic patients is necessary (1) for the safety of the children; (2) for their moral welfare; (3) in order that they may be placed under the most favorable conditions for improvement and cure. It would seem scarcely necessary to enter more fully into these considerations as we believe that they will be readily accepted.

The trustees have fixed upon a suitable portion of the hospital estate, sufficiently separated from the main group of buildings, in which the adults are cared for, as the future situation of the buildings for the children. It is on the easterly slope of one of the hills, and there is close by an excellent playground for the children in the woods above. The importance of proper provision for these children cannot too strongly be stated.

The trustees have again requested a proper sum, \$8,000, for the reconstruction and relocation of the hay barn and the cow barn. We believe that this will be a matter of economy for the institution and that provision should now be made for this purpose.

The trustees still feel that the more interest that is taken in its work by the general medical profession of the State the



farther will its influence extend and the greater will be its value to the people. We have therefore encouraged the superintendent to take advantage of all proper opportunities to excite the interest of the outside physicians. A plan has been proposed for holding a clinic at the hospital, to be attended by such physicians as may be interested, and this will probably before long be started.

The trustees feel that during the coming year the hospital should advance in two directions: first, in regard to the provision for children; this is of extreme importance, both for the patients and for the proper management of the institution: secondly, some definite action should be taken as regards research work.

WILLIAM N. BULLARD, M.D., *Chairman.*

MABEL W. STEDMAN, *Secretary.*

HENRY P. JACQUES, M.D.

WALTER W. SCOFIELD, M.D.

WINFORD N. CALDWELL.

MARY P. TOWNSLEY.

JOHN BAPST BLAKE, M.D.



## SUPERINTENDENT'S REPORT.

---

*To the Trustees of the Massachusetts Hospital for Epileptics.*

The following report is respectfully presented.

The use of the appropriations granted last year has been well studied by your Board, but I wish to call attention, in particular, to the value of the building for male employees, which is now nearly completed. This work was kept out of the hands of the contractors because it was rather a small undertaking and because the bids obtained ran rather higher than the estimates originally furnished.

The foundation was let out to contract at a reasonable price. As the building is located on a side hill there was very little excavating to do, and our boys attended to the greater part of it. They also did the main share of the excavating for the water main and sewer pipe, — a distance of 400 feet. There was no expense to the hospital in that portion of the work except the value of the water main and sewer pipe and the hired labor of putting these in, which were all counted in the appropriation for the building. Two carpenters were employed during August and September, and three during October and a part of November. One patient who had been a carpenter before coming here worked with these hired men. The result has been that every portion of the work has been thoroughly done, and the building represents the most careful workmanship, so that it will be an especially durable building and should not require any repairs for many years. It is now completed, with the exception of the inside finishing and plastering. The heating system and plumbing are either all in or provided for, and the appropriation is adequate for properly finishing all this work and furnishing the building. The grading has been carried on in connection with the trenching, by our boys, so that in the spring the work can be properly finished without expense.

This building was designed to accommodate a married couple, one or both of whom would be employed by the hospital. The woman would be held responsible for the care of all the rooms in the building and possibly for the rooms in another building for employees not far away. She would be able to accommodate six or eight lodgers, who would be employees of the institution, and she would be responsible for the proper conduct of her lodgers. In this way we hope to take good care of some of our attendants and at the same time furnish a solution of the rather difficult problem of providing for married people.

If this matter works out as it now promises, it will certainly be desirable to duplicate this building as soon as we can get the appropriation for the work. I have not, however, recommended that we ask for such an appropriation this year, because it is not now an especially pressing need, and the work we have in view in connection with the children's colony is of such very great importance that it may well be made the sole object of our efforts for the year.

In the matter of the use of the appropriation for finishing and furnishing the space on the ground floor of our women's south building, which was originally designed for the accommodation of female employees, I have asked your permission to delay the expenditure of this sum until we could fully determine the particular value of the very promising method of taking care of employees in such a house as we have just built.

Another reason for delaying the use of this appropriation is that the space originally intended for cutting up into rooms has been used temporarily as an industrial room, and it has become practically indispensable. It is excellently adapted for these necessary purposes, and I am in hopes that it will seem advisable to your Board to retain it for this purpose, and at a later date to obtain a slight addition to the appropriation now on hand, so that we may erect a separate building for female employees similar to the one for male employees, but suitably located, so that these women will be convenient to their work, and somewhat associated with the group of women patients.

Several changes have been made in the assembly hall, in accordance with the advice of the State police, and a portable



booth for the exhibition of moving pictures has been built there under their direction.

Among the repairs, the most useful has been the reconstruction, in stone and cement, of the wooden porch at the kitchen building.

Many other important repairs have been made, and in general the expense for such work seems larger than necessary, unless all the conditions are well understood. The institution, though new, is built on the site of an old one, and during the year much of the repairing done has been renewing or rebuilding the walls of important springs long since going to ruin, cleaning out an ancient reservoir, rebuilding some walls to keep in commission a very useful but very old source of water, digging up and renewing fallen-in drains of large size with heavy flag tops — expensive work, but cheaper and better than letting them go to decay and putting in some other kind of drains and other such work.

Though there will always be repairing to do, these special things are now so well done that they will last for a generation, and thus prove the benefit and real economy of the work.

Number of patients admitted during the year by commitment,	.	.	229
Number of patients admitted during the year by transfer,	.	.	2
Number of patients admitted during the year from escape,	.	.	5
Number of patients admitted during the year from visit,	.	.	46
<hr/>			
Total number of patients admitted,	.	.	282
Number of patients died during the year,	.	.	47
Number of patients otherwise dismissed,	.	.	179
<hr/>			
Total number of cases treated,	.	.	852

Admissions and transfers have occurred so that our number of patients has been a little larger than was estimated. The rooms are now fully occupied and need of more space is already felt.

A fire-alarm box has been installed, connecting us with the department in Palmer.

A capable instructor in calisthenics has been employed; there are two classes held on Saturday afternoons. These are followed, during cool weather, by the dancing school, where the

younger persons and those not considered suitable to go to the evening dances are entertained. In warm weather baseball and out-of-door games are substituted for the in-door amusement.

Safeguarding of the machinery has been perfected and meets with the approval of the State police.

Moving pictures of a few cases during attacks, patients at work, a group of feeble-minded (to illustrate the movements of this class of persons), gaits of a few types of nervous disease, etc., have been made and were exhibited at the meeting of the National Association for the Study of Epilepsy, in Indianapolis. Further work in this line is under way.

A plan for holding a clinic at this hospital, to which members of the medical profession are to be invited, has been well advanced, and, except for necessary delay, would have been in operation. This no doubt will be fully arranged within a reasonable time.

*Table showing Patients employed, and in What Way.*

	Men.	Women.
Administration building, . . . . .	1	4
Bakery, . . . . .	5	—
Barn, . . . . .	13	—
Carpenter, . . . . .	2	—
Dining room, . . . . .	21	14
Employees' cottage, . . . . .	1	2
Farm, . . . . .	17	—
Farm group, . . . . .	—	3
Greenhouse, . . . . .	8	—
Industrial building, . . . . .	16	—
Kitchens, . . . . .	10	23
Laundry, . . . . .	12	54
Lawns, . . . . .	7	—
Music, . . . . .	—	1
Nurses' home, . . . . .	—	4
On roads, . . . . .	71	—
Painter, . . . . .	4	—
Printer, . . . . .	3	—
School, . . . . .	3	29
Sewing rooms, . . . . .	—	39
Store, . . . . .	3	—
Ward work, . . . . .	117	87
With engineer, . . . . .	1	—
With yard man, . . . . .	13	—
	328	260



## GIFTS.

NAME.	Place.	Article.
Mrs. Louisa Boes, . . .	New York, N. Y., .	Clothing.
Mrs. Laura P. Stewart, . .	Boston, . . .	Clothing.
Dr. W. N. Bullard, . . .	Boston, . . .	Book, "Orthopedic Surgery."
W. B. Saunders, . . .	Philadelphia, Pa., .	Book, "A Reference Hand-book of Obstetric Nursing."
Mrs. Mary E. Morehouse, .	Willimansett, . .	Gifts for Christmas tree.
Richard P. Elliot, . . .	Boston, . . .	Clothing.
W. B. Saunders Company, .	Philadelphia, Pa., .	Book, "Stoney's Practical Points on Nursing."
Miss M. E. Kilduff, . . .	Springfield, . . .	Magazines.
Mrs. R. P. Cushman, . . .	Monson, . . .	Dorcas calendars.
Sumner Fiske, . . .	Athol, . . .	Picture book.
Richard P. Elliot, . . .	Boston, . . .	Clothing.
Mrs. Ella Otis, . . .	Roxbury, . . .	Clothing.
Mrs. Catherine Healy, . . .	Quincy, . . .	Clothing.
Rev. Abram Conklin, . . .	Monson, . . .	Magazines.
Mrs. Henry Bradway, . . .	Monson, . . .	Magazines.
Mr. William Nairn, . . .	New Dorchester, .	Clothing.
Mrs. Kenny, . . .	Dorchester, . . .	Clothing.
Dr. Woodworth, . . .	Fitchburg, . . .	Clothing and books.
Mrs. S. F. Cushman, . . .	Monson, . . .	Magazines.
Mrs. Charles Carpenter, .	— —	Magazines.
Mrs. Morris, . . .	Monson, . . .	Magazines.
Mr. Gove, . . .	East Boston, . .	Clothing.
Mrs. J. F. Holbrook, . . .	Palmer, . . .	Reading matter.
John Sullivan, . . .	— —	Magazines.
Sadie Holdridge, . . .	— —	Magazines.
J. A. Talcott, . . .	Monson, . . .	Reading matter.

## MEDICAL LECTURES.

1908.

- March 17, Dr. E. A. Kennedy, "Diseases of the Kidneys."  
 March 31, Dr. A. V. Cooper, "Fevers."  
 April 7, Dr. M. E. Cowen, "Bacteria and Bacteriology."  
 April 15, Dr. M. B. Hodskins, "Antitoxins."  
 May 2, Dr. A. C. Getchell, "Tuberculosis."

## CLERGYMEN WHO HAVE HELD SERVICE.

Rev. William Hart.  
 Rev. F. S. Brewer.  
 Rev. Chas. W. Williams.  
 Rev. Geo. A. Andrews.

Rev. C. J. Sniffen.  
 Rev. Francis W. Gibbs.  
 Rev. Abram Conklin.

## AMUSEMENTS.

Dances, 50; masquerade, 1; readings and impersonations, 3; illustrated lectures, 6; moving pictures, 1; excursions to the lake, 22; excursions to fair, 2; dancing school, 26; physical culture classes, 9.

## AUTOPSIES AND FINDINGS.

*No. 574.* — Male. Autopsy, March 14, 1908. Cerebral hemorrhage; œdema of lungs.

*No. 981.* — Male. Autopsy, Dec. 30, 1907. Tuberculosis of lungs; chronic nephritis; acute cystitis.

*No. 318.* — Male. Autopsy, March 11, 1908. Pulmonary tuberculosis; interstitial nephritis; œdema of lungs.

*No. 1530.* — Male. Autopsy, May 5, 1908. Œdema of lungs; contracted transverse colon.

*No. 258.* — Male. Autopsy, Jan. 5, 1908. Sclerosis of left internal capsule; œdema of lungs; chronic nephritis.

*No. 624.* — Male. Autopsy, Jan. 11, 1908. Œdema of lungs; gastric ulcer (healed).

*No. 1048.* — Male. Autopsy, Sept. 27, 1908. Cerebral hemorrhage; chronic nephritis; œdema of lungs.

*No. 1332.* — Male. Autopsy, Nov. 23, 1907. Œdema of lungs.

*No. 1537.* — Male. Autopsy, Sept. 6, 1908. Œdema of lungs.

*No. 1095.* — Male. Autopsy, Aug. 19, 1908. Œdema and hypostatic congestion of the lungs.

*No. 1012.* — Male. Autopsy, Oct. 30, 1908. Œdema and hypostatic congestion of the lungs.

*No. 338.* — Male. Autopsy, May 11, 1908. Pulmonary tuberculosis; œdema of lungs.

*No. 446.* — Male. Autopsy, Aug. 20, 1908. Cerebral hemorrhage; œdema of lungs.

*No. 1543.* — Male. Autopsy, July 25, 1908. Œdema and hypostatic congestion of the lungs.

*No. 896.* — Male. Autopsy, May 3, 1908. Chronic nephritis; hypertrophy of the heart; œdema of lungs.

*No. 451.* — Male. Autopsy, March 27, 1908. Hypostatic congestion and œdema of lungs; chronic hydrocephalus.

*No. 1148.* — Male. Autopsy, March 21, 1908. Cerebral hemorrhage; chronic nephritis; hypertrophy of heart.

*No. 112.* — Female. Autopsy, March 16, 1908. General peritonitis, acute; duodenal ulcer (perforated); acute splenitis.

*No. 1457.* — Female. Autopsy, Sept. 2, 1908. Hypostatic congestion and œdema of lungs.

*No. 472.* — Female. Autopsy, July 19, 1908. Œdema of lungs; chronic nephritis; hypertrophy of heart.

*No. 568.* — Female. Autopsy, Nov. 4, 1907. Hypostatic congestion of lungs; chronic cholecystitis; cerebral hemorrhage.

*No. 345.* — Female. Autopsy, Jan. 25, 1908. Œdema of lungs; chronic nephritis; hypertrophy of heart.

*No. 1007.* — Female. Autopsy, April 13, 1908. Œdema and hypostatic congestion of the lungs.

*No. 1469.* — Female. Autopsy, April 25, 1908. Brain tumor; chronic nephritis; œdema of the lungs.

*No. 1113.* — Female. Autopsy, April 19, 1908. Œdema of lungs; chronic hydrocephalus.

*No. 198.* — Female. Autopsy, Nov. 7, 1907. Œdema of lungs; cyst of right ovary; acute splenitis.

*No. 619.* — Female. Autopsy, Nov. 13, 1908. Hypostatic congestion and œdema of lungs; chronic nephritis; fibroids of uterus.

*No. 1309.* — Female. Autopsy, Dec. 1, 1907. Hypoplasia of heart and arterial system; œdema of lungs; pleuritic adhesions; cerebral sclerosis (?); cyst of right ovary.

*No. 525.* — Female. Autopsy, Dec. 6, 1907. Œdema of lungs; cerebral sclerosis; chronic hydrocephalus.

*No. 72.* — Female. Autopsy, Dec. 18, 1907. Œdema of lungs; acute peritonitis; gastric ulcer (perforated).

*No. 1125.* — Female. Autopsy, Jan. 17, 1908. Pulmonary tuberculosis; acute splenitis.

*No. 842.* — Female. Autopsy, Sept. 7, 1908. Œdema of lungs; acute splenitis; cloudy swelling of kidneys.

#### OPERATIONS.

Transplantation of flexor carpi ulnaris to extensors of fingers and thumb.

Transference of posterior-tibial through interosseous membrane to osseous insertion on upper side of cuboid.

Correction of equino-varus and transference of anterior tibial.

Transference of tendon in fore arm.

Fasciotomy, myotomy and transference of flexor carpi ulnaris.



Correction of equino-varus.

Correction of extreme equinus.

Section of iliofemoral band, adductors, hamstring and tendo-Achillis.

Tonsilotomy.

*List of Graduates.*

NAMES.	Class.	Occupation.	Address.
Fannie C. Cronin, . . .	1901,	Massachusetts Hospital for Epileptics, supervisor.	Palmer.
Mary E. Kilduff, . . .	1901,	Private nursing, . . . .	Springfield.
Emma S. McKeever, . .	1901,	At State Farm, . . . .	State Farm.
Julia A. O'Brien, . . .	1901,	Private nursing, . . . .	22 Kenilworth St., Roxbury.
Edith E. B. Townsend,	1901,	Married, . . . .	Bragville, Me.
Carroll W. Briggs, . .	1902,	At Boston City Hospital, . .	Boston.
A. M. D. Manwarring, .	1902,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Edwin S. Manwarring,	1902,	Supervisor, Massachusetts Hospital for Epileptics.	Palmer.
James L. McKeever, . .	1902,	At State Farm, . . . .	State Farm.
Walter L. McKeever, . .	1902,	- - -	Middletown, Conn.
Hattie Edith Rowe, . .	1902,	Private nursing, . . . .	Georgetown, Me.
Alice B. Smith, . . .	1902,	Bookkeeping, . . . .	27 Newburn Ave- nue, Medford.
Marguerite Casey, . .	1903,	Private nursing, . . . .	Burlington, Vt.
Catherine Daley, . . .	1903,	Connecticut Hospital for Insane,	Middletown, Conn.
Georgie A. Nute, . . .	1903,	At Stamford Hall, . . . .	Stamford, Conn.
George J. Flint, . . .	1903,	- - -	- -
Mae D. Brown, . . .	1905,	- - -	Portland, Me.
Annie A. Caldwell, . .	1905,	Private nursing, . . . .	Springfield.
Louis A. Fontaine, . .	1905,	- - -	Palmer, Mass.
Frank L. Morway, . . .	1905,	Apothecary, Massachusetts Hospital for Epileptics.	Palmer.
Christine McClellan, .	1906,	Married, . . . .	Prince Edward Island.
Theresa A. Brown, . . .	1907,	- - -	- -
Mary G. Hancock, . .	1907,	Private nursing, . . . .	Holyoke.
Elizabeth McCarthy, .	1907,	Head nurse, Massachusetts Hospital for Epileptics.	Palmer.
Mary Anna Woodward,	1907,	- - -	Syracuse, N. Y.
Samuel E. Chase, . . .	1907,	Assistant supervisor, Massachusetts Hospital for Epileptics.	Palmer.
William L. Paine, . . .	1907,	Attendant, Massachusetts Hospital for Epileptics.	Palmer.
Edith M. Brooks, . . .	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Eva G. Caldwell, . . .	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Mary J. Caldwell, . . .	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Susan E. Crumb, . . .	1908,	- - -	- -
Daisy I. Dowling, . .	1908,	Private nursing, . . . .	Brockton.
Olla G. Dowling, . . .	1908,	Private nursing, . . . .	Boston.
Dora L. Jacques, . . .	1908,	Private nursing, . . . .	Holyoke.



*List of Graduates — Concluded.*

NAMES.	Class.	Occupation.	Address.
Agnes M. Millen, . .	1908,	- - -	Syracuse, N. Y.
Anna L. Millen, . .	1908,	- - -	- -
Katherine C. Murray, .	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Mae P. Leeman, . .	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.

The nurses have worked away from the hospital 303 $\frac{1}{4}$  days.

Respectfully submitted,

EVERETT FLOOD, M.D.,  
*Superintendent.*

## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital are as follows:—

1. The regular insane commitment, such as is used at the insane hospitals.
2. The sane indigent; in this case the approval of a judge is required, in addition to the physicians' certificates and the notification of the town authorities.
3. The sane private, in which two sureties are required to sign the patient's application.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood, and can be complied with easily.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London northern division of the Central Vermont. The Ware River branch of the Boston & Albany railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.70.

## ARTICLES MADE AND REPAIRED IN THE SEWING ROOM.

MADE.		Mattress protectors,	153
Gingham aprons,	85	Table napkins,	465
Aprons,	499	Curtains,	108
Bibs,	435	Denim curtains,	3
Bureau scarfs,	179	Suits,	13
Bags,	41	Bed socks,	15
Burial robes,	10	Night gowns,	735
Chestnut bag,	1	Shirts,	39
Barber aprons,	3	Dispensary aprons,	6
Bath robes,	8	Pillow slips,	94
Corset covers,	217	Vests,	21
Petticoats,	135	Holder's,	21
Dresses,	316	Rubber pillow covers,	20
Night shirts,	279	Sheets,	29
Towels,	2,706	Jumpers,	38
Mittens, pairs,	367	Dusters,	48
Coats,	194	Chemises,	118
Overalls, pairs,	77	Skirts,	2
Rugs,	114	Photo bags,	6
Drawers, pairs,	259	Hot-water bottle covers,	17
Tray cloths,	72	Blankets,	57
Garters, pairs,	458	Sofa pillows,	3
Tick pillow covers,	7	Bandages,	6
Kitchen aprons,	44	Stand or table covers,	20
Pants, pairs,	113	Couch cover,	1
Suspenders, pairs,	234	Ties,	6
Long night shirts,	44	Cushions,	2
Table cloths,	182	Jacket ties,	20
Diapers,	30	Garter waists,	6
Typewriter cover,	1	Mangle covers,	1
Toilet napkins,	43	Buttons,	10
Laundry bags,	85		
Shirt waists,	25	REPAIRED.	
Masquerade costumes,	12	Coats,	356
Caps,	124	Chemises,	3
Piano cover,	1	Waists,	6
Gymnasium suits,	9	Dresses,	155

Hose, pairs, . . .	4,655	Curtains, . . .	10
Bibs, . . .	77	Night gowns, . . .	63
Overcoats, . . .	13	Table cloths, . . .	12
Pants, pairs, . . .	771	Blouses, . . .	6
Aprons, . . .	135	Pillow slips, . . .	2
Overalls, pairs, . . .	415	Waists, . . .	6
Jumpers, . . .	268	Bed ticks, . . .	7
Night shirts, . . .	373	Blankets, . . .	55
Men's suits, . . .	8	Petticoats, . . .	51
Dispensary aprons, . . .	10	Sweaters, . . .	2
Towels, . . .	84	Union suits, . . .	3
Laundry bag, . . .	52	Corset covers, . . .	5
Horse blanket, . . .	1	Skirts, . . .	11
Tick suspenders, . . .	26	Bag, . . .	1
Drawers, pairs, . . .	533	Flags, . . .	2
Shirts, . . .	866	Bath robe, . . .	1
Bedspreads, . . .	42	Hoods, . . .	34
Fine under linen, pieces, .	3	Vests, . . .	62
Rugs, . . .	4	Caps, . . .	6
Mattress protectors, . . .	84	Masquerade costumes, .	20
Sheets, . . .	29	Restraint jackets, . .	2



## ARTICLES REPAIRED ON THE WARD.

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Pants, pairs, . . .	948	Bibs, . . .	37
Coats, . . .	533	Laundry bags, . . .	14
Shirts, . . .	1,174	Night shirts, . . .	39
Drawers, pairs, . . .	519	Towels, . . .	10
Vests, . . .	81	Hose, pairs, . . .	7
Balls made, . . .	23	Pillow slips, . . .	2
Aprons, . . .	87	Ties, . . .	3

## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOM.

Men's slippers made, pairs,	463	Shoes repaired, pairs,	1,702
Men's shoes made, pairs, .	4	Shoes marked, pairs, .	159
Women's shoes made, pairs,	10	Mattresses made over, .	146
Rope rugs made, . . .	26	Umbrellas repaired, . .	127
Office envelopes made, .	1,150	Chairs reseatd, . . .	63
Head marks for cemetery		Pillows renovated, . . .	538
carved, . . . . .	9	Parts of harnesses repaired,	24
Greenhouse marker made,	2,300	Barber chairs repaired, .	3
Coat hangers made, . .	114	Rugs repaired, . . .	10
Door plate carved, . . .	3	Screens repaired, . . .	15
Numbers carved, . . .	236	Camp stools repaired, .	10
Brooms made, . . . .	71	Hassocks repaired, . . .	2
Pill envelopes made, . .	1,200	Bells repaired, . . .	3
Blanks printed, . . .	10,900	Carpets repaired, . . .	1
Copies of lectures, rules,		Fire escapes repaired, .	2
essays, etc., printed, .	3,600	Truss repaired, . . .	1
Note heads printed, . .	13,000	Baseball mittens repaired,	1
Envelopes printed, . . .	700	Baseballs repaired, . .	10
Names printed, . . . .	38	Broom handles sand pa-	
Woolen coats cut, . . .	27	pered, . . . . .	900
Woolen trousers cut, . .	22	Dust brooms resewed, . .	60
Woolen vests cut, . . .	23	Chairs repaired, . . .	12
Denim coats cut, . . . .	85	Barber footstools repaired,	2
Denim trousers cut, pairs,	141	Basket repaired, . . .	1
Denim vests, . . . . .	3	Morris chair cushion re-	
Summer coats, . . . .	80	paired, . . . . .	1
Overalls made, pairs, . .	110	Gloves repaired, pairs, .	3
Patterns drafted, coat, .	24	Curtains hung, . . . .	8
Patterns drafted, trousers,	15	Suspenders repaired, pairs,	5
Patterns drafted, vests, .	25		

## FARM PRODUCTS.

FROM DEC. 1, 1907, TO DEC. 1, 1908.

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Apples, cider, 177 bushels, at \$0.10, . . . . .	\$17 70
Apples, crab, 34 bushels, at \$1, . . . . .	34 00
Apples, eating, 277 barrels, at \$3, . . . . .	831 00
Beans, field, 4 bushels, at \$2.25, . . . . .	10 00
Beans, green shell, 58 bushels, at \$1.25, . . . . .	72 50
Beans, string, 75 bushels, at \$1.25, . . . . .	93 75
Beef, 1,109 pounds, at \$0.07, . . . . .	77 63
Beets, 149 bushels, at \$0.50, . . . . .	74 50
Beet greens, 44 bushels, at \$0.35, . . . . .	15 40
Cabbage, 2,500 heads, at \$5 per hundred head, . . . . .	125 00
Carrots, 329 bushels, at \$0.50, . . . . .	164 50
Cider, 380 gallons, at \$0.10, . . . . .	38 00
Corn, husked, 892 bushels, at \$0.50, . . . . .	446 00
Corn, sweet, 316 bushels, at \$0.75, . . . . .	237 00
Cucumbers, 45 boxes, at \$1.50, . . . . .	67 50
Cucumbers, pickling, 16 bushels, at \$1.60, . . . . .	25 60
Currants, 212 quarts, at \$0.11, . . . . .	23 32
Ensilage, 475 tons, at \$3, . . . . .	1,425 00
Fodder, green, 225 tons, at \$6, . . . . .	1,350 00
Hay, 212 tons, at \$16, . . . . .	3,392 00
Hay, meadow, 18 tons, at \$10, . . . . .	180 00
Hay, oat, 35 tons, at \$14, . . . . .	490 00
Lamb, 754 pounds, at \$0.10, . . . . .	75 40
Lettuce, 44½ dozen bunches, at \$0.60, . . . . .	26 70
Milk, 278,887 quarts, at \$0.05, . . . . .	13,944 35
Mutton, 1,501 pounds, at \$0.08, . . . . .	120 08
Onions, 135 bushels, at \$0.85, . . . . .	114 75
Parsnips, 400 bushels, at \$0.75, . . . . .	300 00
Pears, 27 bushels, at \$1, . . . . .	27 00
Peas, green, 30 bushels, at \$1, . . . . .	30 00
Peppers, 3½ bushels, at \$0.75, . . . . .	2 63
Pork, 9,053 pounds, at \$0.08, . . . . .	724 24
Potatoes, 802 bushels, at \$0.80, . . . . .	641 60

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*Amount carried forward, . . . . .* \$25,197 15

<i>Amount brought forward,</i>							\$25,197 15
Pumpkins, 1,200 pounds, at \$0.03,	.	.	.	.	.	.	36 00
Radishes, 2,765 dozen bunches, at \$0.40 dozen bunches,	.	.	.	.	.	.	1,106 00
Radish, horse, 3 bushels, at \$0.50,	.	.	.	.	.	.	1 50
Rhubarb, 3,496 pounds, at \$0.02,	.	.	.	.	.	.	69 92
Squash, summer, 40 barrels, at \$1,	.	.	.	.	.	.	40 00
Squash, winter, 106 barrels, at \$1.50,	.	.	.	.	.	.	159 00
Tomatoes, green, 95 bushels, at \$0.50,	.	.	.	.	.	.	47 50
Tomatoes, ripe, 148 bushels, at \$0.75,	.	.	.	.	.	.	101 00
Turnips, 89 barrels, at \$1,	.	.	.	.	.	.	89 00
Veal, 146½ pounds, at \$0.11,	.	.	.	.	.	.	16 12

## PRODUCTS FROM THE GREENHOUSE.

Asparagus, 3 boxes, at \$3,	.	.	.	.	.	.	9 00
Beans, string, 9 bushels, at \$1.25,	.	.	.	.	.	.	11 25
Beets, 2½ bushels, at \$0.50,	.	.	.	.	.	.	1 25
Cabbage, 570 heads, at \$0.05,	.	.	.	.	.	.	28 50
Carrots, 4 bushels, at \$0.50,	.	.	.	.	.	.	2 00
Celery, 80 boxes, at \$0.85,	.	.	.	.	.	.	68 00
Corn, 31 bushels, at \$0.75,	.	.	.	.	.	.	23 25
Cucumbers, 35 boxes, at \$1.50,	.	.	.	.	.	.	52 50
Cucumbers, pickling, 3 pecks, at \$0.40,	.	.	.	.	.	.	1 20
Eggs, 531 dozen, at \$0.35,	.	.	.	.	.	.	185 85
Fowls, 29 pounds, at \$0.15,	.	.	.	.	.	.	4 35
Greens, dandelions, 13 bushels, at \$0.75,	.	.	.	.	.	.	9 75
Lettuce, 13 boxes, at \$0.60,	.	.	.	.	.	.	7 80
Onions, 1 bushel, at \$0.85,	.	.	.	.	.	.	85
Peas, 1½ bushels, at \$1,	.	.	.	.	.	.	1 50
Radishes, 12 dozen bunches, at \$0.40 dozen bunches,	.	.	.	.	.	.	4 80
Rhubarb, 12 pounds, at \$0.02,	.	.	.	.	.	.	24
Squash, summer, 2½ barrels, at \$1,	.	.	.	.	.	.	2 50
Tomatoes, green, 9 bushels, at \$0.50,	.	.	.	.	.	.	4 50
Tomatoes, ripe, 11 bushels, at \$0.75,	.	.	.	.	.	.	8 25
Cut flowers,	.	.	.	.	.	.	100 00
Plants,	.	.	.	.	.	.	200 00

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 \$27,590 53



## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

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Superintendent, per year, . . . . .	\$3,000 00
Assistant physician, per year, . . . . .	1,500 00
Assistant physician, per year, . . . . .	1,000 00
Assistant physician, per year, . . . . .	1,000 00
Assistant physician, per year, . . . . .	600 00
Steward, per year, . . . . .	1,200 00
Engineér, per year, . . . . .	1,100 00
Treasurer, per year, . . . . .	900 00
Clerk, per month, . . . . .	30 00
Office assistants (2), per month, . . . . .	\$20 00—25 00
Supervisors (women, 2), per month, . . . . .	35 00—40 00
Assistant supervisor (woman), per month, . . . . .	35 00
Supervisor (man), per month, . . . . .	45 00
Supervisor (man), per month, . . . . .	40 00
Assistant supervisors (men, 2), per month, . . . . .	\$35 00—37 00
Night nurses (women, 8), per month, . . . . .	20 00—30 00
Nurses (women, 25), per month, . . . . .	20 00—30 00
Night nurses (men, 8), per month, . . . . .	25 00—35 00
Nurses (men, 30), per month, . . . . .	25 00—35 00
Assistant engineer, per month, . . . . .	57 17
Assistant engineer, per month, . . . . .	35 00
Assistant engineers (2), per day, . . . . .	\$1 50—1 85
Firemen (3), per day, . . . . .	1 50—1 85
Baker, per month, . . . . .	60 00
Kitchen men (2), per month, . . . . .	\$23 00—25 00
Store assistants (2), per month, . . . . .	34 00—40 00
Cooks (5), per month, . . . . .	27 00—35 00
Assistant cooks (10), per month, . . . . .	18 00—20 00
Table girls (4), per month, . . . . .	18 00—20 00

Assistant seamstresses (5), per month,	.	.	.	\$16 00—18 00
Laundress, per month,	.	.	.	22 00
Laundryman, per month,	.	.	.	40 00
Assistant laundresses (5), per month,	.	.	.	\$16 00—18 00
Farmer, per month,	.	.	.	75 00
Assistant farmers (18), per month,	.	.	.	\$23 00—35 00
Head carpenter, per day,	.	.	.	3 00
Assistant carpenters (2), per day,	.	.	.	2 50
Painter, without board, per day,	.	.	.	2 50
Painter, per month,	.	.	.	40 00
Mason, per month,	.	.	.	65 00

## TREASURER'S REPORT.

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*To the Trustees of the Massachusetts Hospital for Epileptics.*

The report of the finances of this institution for the year ending Nov. 30, 1908, is herewith respectfully submitted.

### ASSETS.

Real estate: —

Cultivated land, 113 acres, . . . . .	\$17,311 00	
Woodland, 21 acres, . . . . .	1,465 00	
Pasturage, 104 acres, . . . . .	4,487 00	
Farm (under appropriation of 1901), viz.: —		
Cultivated land, 40 acres, . . . . .	1,600 00	
Woodland, 50 acres, . . . . .	1,100 00	
Pasturage, 30 acres, . . . . .	300 00	
Farm (under appropriation of 1903), viz.: —		
Cultivated land, 53 acres, . . . . .	1,219 00	
Woodland, 190 acres, . . . . .	2,850 00	
Pasturage, 57 acres, . . . . .	855 00	
Water and sewerage system, . . . . .	38,947 94	
Outside electric lighting (farm group), . . . . .	800 00	
Quarry, . . . . .	450 00	
	<hr/>	\$71,384 94

Buildings: —

Original buildings, . . . . .	\$39,620 00
Building (under appropriation of 1895), . . . . .	84,800 00
Buildings (under appropriation of 1899), . . . . .	87,933 35
Nurses' home, } (under appropriation	
Electric building, } of 1902), . . . . .	26,345 00
Boiler house (under appropriation of	
1900), . . . . .	5,050 00
Laundry (under appropriation of 1901), . . . . .	9,500 00
Coal trestle, woodwork, . . . . .	250 00
Greenhouses and hen houses, . . . . .	2,600 00

<i>Amounts carried forward, . . . . .</i>	\$256,098 35	<hr/> \$71,384 94
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<i>Amounts brought forward, . . .</i>	\$256,098 35	\$71,384 94
Farm group (under appropriation of 1903), viz.:—		
Nos. 1 and 2, . . . . .	27,957 52	
No. 3, . . . . .	6,248 38	
Barns, . . . . .	2,827 97	
Farm cottage and barns (under appropriation of 1901), . . . . .	2,400 00	
Storehouse, . . . . .	1,963 19	
Chas. A. Clough building, . . . . .	75,000 00	
Stone crusher (under appropriation of 1906), . . . . .	2,000 00	
New building, women's south, . . . . .	75,000 00	
Horse stable (under appropriation of 1907), . . . . .	6,000 00	
Building for male nurses (under appropriation of 1908), . . . . .	3,508 83	
	<hr/>	459,004 24
Personal property:—		
Provisions and groceries, . . . . .	\$1,773 42	
Ready-made clothing, . . . . .	2,433 25	
Dry goods:—		
For clothing, . . . . .	1,339 77	
For bedding, . . . . .	1,168 62	
Furnishings:—		
Beds and bedding in inmates' department, . . . . .	19,274 41	
Other furnishings in inmates' department, . . . . .	29,711 62	
Personal property of State in superintendent's department, . . . . .	8,257 16	
All other property, . . . . .	7,699 93	
Heat, light and power:—		
Fuel, . . . . .	7,037 92	
All other property, . . . . .	687 20	
Repairs and improvements:—		
Machinery and mechanical fixtures, . . . . .	47,550 97	
All other property, . . . . .	1,443 45	
Farm, stable and grounds:—		
Live stock on the farm, . . . . .	11,047 20	
Produce of the farm on hand, . . . . .	4,034 85	
Carriages and agricultural implements, . . . . .	4,506 85	
All other property, . . . . .	2,690 81	
<i>Amounts carried forward, . . . . .</i>	\$150,657 43	\$530,389 18



<i>Amounts brought forward,</i>	.	.	.	\$150,657 43	\$530,389 18
Miscellaneous: —					
Drugs and medicines,	.	.	.	2,383 90	
Tobacco,	.	.	.	69 39	
Library,	.	.	.	1,075 00	
Other supplies undistributed,	.	.	.	3,969 21	
				<hr/>	158,154 93
Total,	.	.	.	.	\$688,544 11

## RECEIPTS.

Cash on hand Dec. 1, 1907,	.	.	.	\$4,000 00
Received from State on special appropriations: —				
Building and furnishings, 1906,	.	.	.	\$17,059 72
Alterations, etc., 1907,	.	.	.	1,717 93
Constructing silos, 1907,	.	.	.	7 80
Horse stable, 1907,	.	.	.	1,877 24
Building for male employees, 1908,	.	.	.	2,937 70
Finishing rooms for female employees, 1908,	.	.	.	131 01
Moving barn, 1908,	.	.	.	500 00
Ensilage cutter and motor, 1908,	.	.	.	300 00
Bread oven, 1908,	.	.	.	1,333 35
Total from special appropriations,	.	.	.	<hr/> 25,864 75
Received from State for maintenance,	.	.	.	\$151,468 14
Received from cities and towns for support of patients,	.	.	.	39,408 03
Received from individuals for support of patients,	.	.	.	9,210 28
Received from reimbursements for support of patients,	.	.	.	1,261 26
Received from soldiers' relief for support of patients,	.	.	.	169 92
Received from farm and farm produce,	.	.	.	324 87
Received from store,	.	.	.	583 24
Received from interest on bank deposit,	.	.	.	218 23
Received from sundries,	.	.	.	209 75
				<hr/> 202,853 72
Total receipts,	.	.	.	\$232,718 47

## EXPENDITURES.

Salaries, wages and labor, . . . . . \$61,431 86

## Food:—

Butter, . . . . .	\$5,650 79
Beans, . . . . .	171 33
Bread and crackers, . . . . .	339 80
Cereals, rice, meal, etc., . . . . .	1,615 27
Cheese, . . . . .	140 86
Eggs, . . . . .	2,262 19
Flour, . . . . .	4,369 85
Fish, . . . . .	1,327 49
Dried and fresh fruit, . . . . .	1,350 03
Meats, . . . . .	9,105 89
Milk, . . . . .	5 60
Molasses and syrup, . . . . .	443 63
Sugar, . . . . .	2,144 94
Tea, coffee, broma and cocoa, . . . . .	630 60
Vegetables, . . . . .	1,465 37
Sundries, . . . . .	1,458 19
Freight on food, . . . . .	136 52

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32,618 35

## Clothing and clothing material:—

Boots, shoes and rubbers, . . . . .	\$591 59
Clothing, . . . . .	1,620 83
Dry goods for clothing, and small wares, . . . . .	1,498 16
Furnishing goods, . . . . .	61 14
Hats and caps, . . . . .	47 25
Leather and shoe findings, . . . . .	378 43
Sundries, . . . . .	64 63
Freight on clothing and clothing material, . . . . .	17 88

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4,279 91

## Furnishings:—

Beds, bedding, table linen, etc., . . . . .	\$1,700 79
Brushes, brooms, etc., . . . . .	333 53
Carpets, rugs, etc., . . . . .	593 16
Crockery, glassware, cutlery, etc., . . . . .	919 18
Furniture and upholstery, . . . . .	895 72
Kitchen furnishings, . . . . .	424 92
Wooden ware, buckets, pails, etc., . . . . .	175 39
Sundries, . . . . .	471 38
Freight on furnishings, . . . . .	38 45

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5,552 52

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*Amount carried forward,* . . . . . \$103,882 64

*Amount brought forward,* . . . . . \$103,882 64

Heat, light and power:—

Coal, . . . . .	\$13,642 09	
Gas, . . . . .	4 00	
Oil, . . . . .	119 57	
Sundries, . . . . .	27 34	
		<hr/>
		13,793 00

Repairs and improvements:—

Brick, . . . . .	\$127 00	
Cement, lime and plaster, . . . . .	242 93	
Doors, sashes, etc., . . . . .	56 04	
Electrical work and supplies, . . . . .	1,030 87	
Hardware, iron, steel, etc., . . . . .	878 37	
Lumber, . . . . .	919 17	
Machinery, etc., . . . . .	759 73	
Paints, oils, glass, etc., . . . . .	1,580 90	
Plumbing, steam fitting and supplies, . . . . .	2,599 41	
Roofing and materials, . . . . .	6 25	
Mechanics and laborers (not on pay roll), . . . . .	515 31	
Sundries, . . . . .	248 43	
Freight on repairs and improvements, . . . . .	236 34	
		<hr/>
		9,200 75

Miscellaneous:—

Books, periodicals, etc., . . . . .	\$206 40	
Chapel services and entertainments, . . . . .	1,297 61	
Freight, expressage and transportation, . . . . .	536 28	
Funeral expenses, . . . . .	199 50	
Gratuities, . . . . .	105 22	
Hose, etc., . . . . .	233 95	
Ice, . . . . .	277 62	
Labor (not on pay roll), . . . . .	1,412 94	
Medicines and hospital supplies, . . . . .	1,952 82	
Medical attendance, nurses, etc. (extra), . . . . .	58 12	
Postage, . . . . .	364 83	
Printing and printing supplies, . . . . .	16 08	
Return of runaways, . . . . .	77 41	
Soap and laundry supplies, . . . . .	1,348 93	
Stationery and office supplies, . . . . .	383 43	
School books and school supplies, . . . . .	10	
Travel and expenses (officials), . . . . .	459 05	
Telephone and telegraph, . . . . .	149 79	
Tobacco, . . . . .	686 91	
Water, . . . . .	1,036 19	

*Amounts carried forward,* . . . . . \$10,803 18 \$126,876 39

<i>Amounts brought forward,</i>		\$10,803 18	\$126,876 39
Sundries,		640 38	
Printing annual report,		147 96	
Freight on miscellaneous,		78 05	
			11,669 57

## Farm, stable and grounds:—

Blacksmith and supplies,		\$459 05	
Carriages, wagons, etc., and repairs,		562 11	
Fertilizers, vines, seeds, etc.,		633 62	
Hay, grain, etc.,		7,702 10	
Harnesses and repairs,		98 00	
Horses,		275 00	
Cows,		654 15	
Other live stock,		65 60	
Labor (not on pay roll),		1,521 43	
Rent,		20 00	
Tools, farm machines, etc.,		442 90	
Sundries,		292 13	
Freight,		196 09	
			12,922 18

Total expense for maintenance,		\$151,468 14
Other expenses on special appropriations,		25,864 75
Paid State Treasurer,		51,280 60
Refunded to individuals,		104 98

Total expenditures,		\$228,718 47
Cash on hand Nov. 30, 1908,		4,000 00
		\$232,718 47

## RESOURCES.

Cash on hand Dec. 1, 1908,		\$4,000 00	
Balance of maintenance with State Treasurer,		4,739 27	
Bills receivable for board,		13,022 56	
Other bills receivable,		62 24	
Unexpended special appropriations,		9,707 83	
			\$31,531 90

## LIABILITIES.

Salaries unpaid,		\$4,955 61	
Maintenance bills,		3,780 28	
Special appropriations, bills,		923 83	
			9,659 72

Resources over liabilities,		\$21,872 18
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*Statement of Appropriations.*

	Amount.	Expended previously.	Expended Last Twelve Months.	Balance.
Building and furnishings, 1906, . . .	\$80,000 00	\$62,605 56	\$17,059 72	\$334 72
Alterations, etc., 1907, . . . . .	3,400 00	849 10	1,717 93	832 97
Constructing silos, 1907, . . . . .	1,100 00	—	7 80	1,092 20
Horse stable, 1907, . . . . .	6,000 00	4,122 76	1,877 24	—
Building for male employees, 1908, . . .	5,900 00	—	2,937 70	2,962 30
Finishing rooms for female employees, 1908,	3,900 00	—	131 01	3,768 99
Moving barn, 1908, . . . . .	500 00	—	500 00	—
Ensilage cutter and motor, 1908, . . .	850 00	—	300 00	550 00
Renewal of heating pipes, 1908, . . .	350 00	—	—	350 00
Bread oven, 1908, . . . . .	1,500 00	—	1,333 35	166 65
	\$103,500 00	\$67,577 42	\$25,864 75	\$10,057 83

## NURSES' TRAINING SCHOOL FUND.

Balance on hand Nov. 30, 1907, . . . . .	\$219 35
Twelve months' receipts, . . . . .	618 55
	<hr/>
	\$837 90
Twelve months' payments, . . . . .	452 36
	<hr/>
Balance on hand Nov. 30, 1908, . . . . .	\$385 54

*Investment.*

Deposited in Palmer National Bank, . . . . .	\$70 72
Deposited in Palmer Savings Bank, . . . . .	300 00
Cash in vault at hospital, . . . . .	14 82
	<hr/>
	\$385 54

## PATIENTS' MONEY.

Balance on hand Nov. 30, 1907, . . . . .	\$770 56
Twelve months' receipts, . . . . .	2,193 08
	<hr/>
	\$2,963 64
Twelve months' payments, . . . . .	2,263 79
	<hr/>
Balance on hand Nov. 30, 1908, . . . . .	\$699 85

*Investment.*

Deposited in Palmer Savings Bank, . . . . .	\$535 94
Deposited in Palmer National Bank, . . . . .	34 29
Cash in vault at hospital, . . . . .	129 62
	<hr/>
	\$699 85

Respectfully submitted,

WALTER E. HATCH,

*Treasurer.*

This certifies that I have compared the treasurer's report for the year ending Nov. 30, 1908, with the books kept at the institution, and find them to agree. The cash account shows a balance in the treasurer's hands of \$4,000, as follows:—

Deposited in Palmer National Bank, . . . . .	\$2,650 13
Cash vouchers, etc., not entered, . . . . .	1,252 90
Cash in safe at hospital, . . . . .	96 97
	<hr/>
	\$4,000 00

GEORGE L. CLARK,

*Examiner.*

DEC. 18, 1908.

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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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# 1. — General Statistics for the Year.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the hospital Oct. 1, 1907,									
Admitted within the year.	156	135	291	146	133	279	302	268	570
Viz.: by commitment,	67	39	106	103	73	176	170	112	282
by transfer,	63	37	100	74	55	129	137	92	229
from escape,	2	—	2	—	—	—	5	—	5
from visit,	2	2	4	24	18	42	26	20	46
Whole number of cases within year,	223	174	397	249	206	455	472	380	852
Dismissed, during year,	24	23	47	68	51	119	92	74	166
Discharged,	6	4	10	36	17	53	42	21	63
as recovered,	—	—	—	—	—	—	—	—	—
as capable of self-support,	—	—	—	—	—	—	—	—	—
as improved,	6	4	10	32	16	48	38	20	58
as not improved,	—	—	—	4	1	5	4	1	5
Died,	12	14	26	11	10	21	23	24	47
Transferred,	—	—	—	—	—	—	—	—	—
Escaped,	1	—	1	4	—	4	5	—	5
On visit Oct. 1, 1908,	5	5	10	17	24	41	22	29	51
Patients remaining Sept. 30, 1908,	199	151	350	181	155	336	380	306	686
Viz.: State patients,	187	146	333	46	41	87	233	187	420
town patients,	—	—	—	116	107	223	116	107	223
private patients,	3	3	6	19	7	26	22	10	32
reimbursing patients,	9	2	11	—	—	—	9	2	11
Number of different persons within the year,	221	172	393	227	196	423	248	368	616
Number of different persons admitted,	63	37	100	83	63	146	146	100	246
Number of different persons admitted, by commitment,	63	37	100	74	55	129	137	92	229
Number of different persons dismissed,	22	21	43	49	41	90	71	62	133
Number of different persons discharged capable of self-support,	—	—	—	—	—	—	—	—	—
Daily average number of patients,	178.34	145.78	324.12	166.06	148.05	314.11	344.40	293.83	638.23
Viz.: state patients,	168.30	141.90	310.20	32.23	32.83	66.06	201.53	174.73	376.26
town patients,	—	—	—	113.72	106.91	220.63	113.72	106.91	220.63
private patients,	3	2.34	5.34	19.11	8.31	27.42	22.11	10.65	32.76
reimbursing patients,	7.04	1.54	8.58	—	—	—	7.04	1.54	8.58

1 Nominally admitted to discharge: insane: males, 2; females, 2; total, 4; sane: males, 19; females, 10; total, 29; totals, males, 21; females, 12; total, 33.

2 Two males discharged as sane and readmitted as insane. One male discharged and recommitment as sane.

2. — *Received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . . . .	60	37	97	66	49	115	126	86	212
Second to this hospital, . . . . .	1	—	1	8	5	13	9	5	14
Third to this hospital, . . . . .	2	—	2	—	1	1	2	1	3
Total cases, . . . . .	63	37	100	74	55	129	137	92	229
Total persons, . . . . .	63	37	100	74	55	129	137	92	229
First admitted to any hospital, . . . . .	58	33	91	63	46	109	121	79	200

3.—*Nativity and Parentage of Persons first admitted to Any Hospital.*

	INSANE.												SANE.												TOTALS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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	PATIENTS.			FATHERS.			MOTHERS.			PATIENTS.			FATHERS.			MOTHERS.			PATIENTS.			FATHERS.			MOTHERS.			PATIENTS.			FATHERS.			MOTHERS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

## 4. — Residence of Persons admitted by Commitment.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —									
Barnstable County, . . .	1	-	1	-	-	-	1	-	1
Berkshire County, . . .	-	2	2	-	1	1	-	3	3
Bristol County, . . .	-	-	-	-	1	1	-	1	1
Essex County, . . .	5	2	7	-	-	-	5	2	7
Franklin County, . . .	2	-	2	-	-	-	2	-	2
Hampden County, . . .	3	1	4	1	-	1	4	1	5
Hampshire County, . . .	2	-	2	-	-	-	2	-	2
Middlesex County, . . .	12	11	23	1	-	1	13	11	24
Nantucket County, . . .	-	1	1	-	-	-	-	1	1
Norfolk County, . . .	-	-	-	-	-	-	-	-	-
Plymouth County, . . .	1	2	3	-	-	-	1	2	3
Suffolk County, . . .	23	11	34	1	1	2	24	12	36
Worcester County, . . .	9	2	11	2	1	3	11	3	14
Unknown, . . .	-	1	1	-	-	-	-	1	1
Totals, . . .	58	33	91	5	4	9	63	37	100
Cities or large towns (10,000 or over), . . .	36	17	53	5	4	9	41	21	62
Country districts (under 10,000), . . .	22	15	37	-	-	-	22	15	38
Unknown, . . .	-	1	1	-	-	-	-	1	1
B. — Sane: —									
Barnstable County, . . .	1	-	1	-	-	-	1	-	1
Berkshire County, . . .	-	3	3	-	-	-	-	3	3
Bristol County, . . .	1	1	2	1	2	3	2	3	5
Essex County, . . .	13	8	21	1	-	1	14	8	22
Franklin County, . . .	-	1	1	1	-	1	1	1	2
Hampden County, . . .	3	4	7	1	-	1	4	4	8
Hampshire County, . . .	1	-	1	-	-	-	1	-	1
Middlesex County, . . .	9	6	15	1	2	3	10	8	18
Norfolk County, . . .	2	4	6	-	-	-	2	4	6
Plymouth County, . . .	1	-	1	-	-	-	1	-	1
Suffolk County, . . .	26	14	40	5	-	5	31	14	45
Worcester County, . . .	6	5	11	1	5	6	7	10	17
Totals, . . .	63	46	109	11	9	20	74	55	129
Cities or large towns (10,000 or over), . . .	43	31	74	9	9	18	52	40	92
Country districts (under 10,000), . . .	20	15	35	2	-	2	22	15	37

## 5. — Civil Conditions of Persons first admitted to Any Hospital.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, . . . . .	55	30	85	54	36	90	109	66	175
Married, . . . . .	3	-	3	6	8	14	9	8	17
Widowed, . . . . .	-	3	3	2	1	3	2	4	6
Divorced, . . . . .	-	-	-	1	1	2	1	1	2
Totals, . . . . .	58	33	91	63	46	109	121	79	200



6. — *Occupation of Persons first admitted to Any Hospital.*

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Bookkeeper, . . .	—	1	1	Packer, . . .	—	2	2
Broom maker, . . .	—	1	1	Painter, . . .	1	—	1
Candy maker, . . .	—	1	1	Peddler, . . .	—	2	2
Carriage painter, . . .	—	1	1	Printer, . . .	1	—	1
Clergyman, . . .	—	1	1	Property man, . . .	—	1	1
Clerk, . . .	—	3	3	Salesman, . . .	—	1	1
Farmer, . . .	—	2	2	Shoemaker, . . .	—	2	2
Gardener, . . .	1	—	1	Student, . . .	—	5	5
Janitor, . . .	—	1	1	Tailor, . . .	—	2	2
Laborer, . . .	5	3	8	Teamster, . . .	—	2	2
Machinist, . . .	—	1	1	No occupation, . . .	49	26	75
Messenger, . . .	—	1	1				
Mill operative, . . .	1	4	5	Totals, . . .	58	63	121

## FEMALES.

Actress, . . .	—	1	1	Student, . . .	—	2	2
Domestic, . . .	1	2	3	No occupation, . . .	30	32	62
Housekeeper, . . .	1	5	6				
Housewife, . . .	1	2	3	Totals, . . .	33	46	79
Mill operative, . . .	—	2	2				

## WIFE OR DAUGHTER OF —

Barber, . . .	—	1	1	Laborer, . . .	4	3	7
Bookkeeper, . . .	—	1	1	Merchant, . . .	—	1	1
Carpenter, . . .	—	2	2	Miller, . . .	—	1	1
Carriage maker, . . .	—	1	1	Mill operative, . . .	—	1	1
Cigar maker, . . .	1	—	1	Minister, . . .	—	1	1
Conductor, . . .	—	1	1	Orator, . . .	1	—	1
Dyer, . . .	1	—	1	Proprietor, . . .	—	1	1
Farmer, . . .	1	2	3	Shoemaker, . . .	1	1	2
Florist, . . .	—	1	1	Teamster, . . .	—	2	2
Foreman, . . .	—	1	1	Unknown, . . .	23	24	47
Gardener, . . .	—	1	1				
Grocer, . . .	1	—	1	Totals, . . .	33	46	79

7. — *Ages of Epileptics at First Attack, Admission and Death.*

## INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK OF INSANITY.			WHEN ADMITTED.			AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
15 years and less, . . . . .	14	14	28	14	14	28	3	4	7	5	5	10
From 15 to 20 years, . . . . .	15	6	21	15	6	21	3	3	6	1	2	3
20 to 25 years, . . . . .	9	2	11	9	2	11	3	—	4	—	—	4
25 to 30 years, . . . . .	8	3	11	6	2	8	3	1	4	1	—	5
30 to 35 years, . . . . .	3	3	6	3	2	5	1	—	1	—	—	1
35 to 40 years, . . . . .	4	3	7	6	2	8	1	1	2	—	—	2
40 to 50 years, . . . . .	2	3	5	2	3	5	1	2	3	—	1	4
50 to 60 years, . . . . .	1	—	1	1	1	2	—	2	2	—	1	2
60 to 70 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
70 to 80 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
80 to 90 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .	56	33	89	21	18	39	12	14	26	9	10	19
Unknown, . . . . .	2	—	2	2	—	2	—	—	—	3	4	7
Total persons, . . . . .	58	33	91	58	33	91	12	14	26	12	14	26
Mean known age, . . . . .	21.11	19.69	20.58	11.90	14.72	13.20	23.54	26.60	25.19	15.	17.25	16.18
										28.33	40.	34.61

7. — *Ages of Epileptics at First Attack, Admission and Death — Concluded.*

SANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			DIED.		
	AT FIRST ATTACK OF EPILEPSY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital.	2	2	4	2	1	3
15 years and less,	39	31	70	6	7	13
From 15 to 20 years,	8	2	10	2	—	2
20 to 25 years,	1	4	5	2	—	2
25 to 30 years,	4	2	6	—	—	—
30 to 35 years,	1	1	2	1	—	1
35 to 40 years,	3	2	5	—	—	—
40 to 50 years,	2	1	3	—	1	1
50 to 60 years,	1	—	1	—	1	1
60 to 70 years,	1	—	1	—	—	—
70 to 80 years,	—	—	—	—	—	—
80 to 90 years,	—	—	—	—	—	—
Totals,	62	45	107	11	10	21
Unknown,	1	1	2	—	—	—
Total persons,	63	46	109	11	10	21
Mean known age,	14.83	12.55	13.87	9.77	13.50	11.54
			23.50	25.90	36.75	31.07

## 8. — Probable Causes of Epilepsy in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical :—												
Dentition, .	3	1	4	—	1	1	—	—	—	—	—	—
Head injury, .	3	2	5	1	—	1	—	1	1	—	—	—
Indigestion, .	—	1	1	—	—	—	—	—	—	—	—	—
Measles, .	1	1	2	—	—	—	1	—	1	—	—	—
Meningitis, .	3	2	5	—	1	1	—	—	—	—	—	—
Rickets, .	1	—	1	—	—	—	—	—	—	—	—	—
Scarlet fever, .	1	1	2	—	—	—	—	—	—	—	—	—
Syphilis, .	1	—	1	—	—	—	—	—	—	—	—	—
Vaccination, .	1	—	1	—	—	—	—	—	—	—	—	—
Whooping cough, .	1	—	1	—	—	—	—	—	—	—	—	—
Alcohol, .	1	1	2	—	—	—	—	—	—	—	—	—
Pneumonia, .	1	—	1	—	—	—	—	—	—	—	—	—
Hemorrhage of navel after birth, .	1	—	1	—	—	—	—	—	—	—	—	—
Totals, .	18	9	27	1	2	3	1	1	2	—	—	—
Unknown, .	40	24	64	4	2	6	—	2	2	—	—	—
Totals, .	58	33	91	5	4	9	1	3	4	—	—	—
<i>Sane.</i>												
Physical :—												
Alcohol, .	1	—	1	—	—	—	—	—	—	—	—	—
Childbirth, .	—	1	1	—	—	—	—	—	—	—	—	—
Fright, .	1	1	2	—	—	—	—	—	—	—	—	—
Head injury, .	5	1	6	—	—	—	—	—	—	—	—	—
Indigestion, .	4	—	4	—	—	—	—	—	—	—	—	—
Meningitis, .	1	2	3	—	—	—	—	—	—	—	—	—
Overwork, .	1	—	1	—	—	—	—	—	—	—	—	—
Traumatism, .	1	—	1	—	—	—	1	—	1	—	—	—
Dentition, .	1	—	1	—	—	—	—	—	—	—	—	—
Diphtheria, .	—	1	1	—	—	—	—	—	—	—	—	—
Totals, .	15	6	21	—	—	—	1	—	1	—	—	—
Unknown, .	48	40	88	11	9	20	1	1	2	—	—	—
Totals, .	63	46	109	11	9	20	2	1	3	—	—	—
Aggregates, .	33	15	48	1	2	3	2	1	3	—	—	—
Unknown, .	88	64	152	15	11	26	1	3	4	—	—	—
Aggregates, .	121	79	200	16	13	29	3	4	7	—	—	—



9. — Probable Duration of Disease before Admission.

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.									
	INSANE.					SANE.				
	INSANITY.			EPILEPSY.		EPILEPSY.			TOTALS.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Totals.
Congenital, . . . . .	—	—	—	2	—	2	2	—	4	6
Under 1 month, . . . . .	58	33	91	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	1	—	1	—	1	1	2
3 to 6 months, . . . . .	—	—	—	—	—	—	1	2	3	3
6 to 12 months, . . . . .	—	—	—	2	1	3	2	—	4	5
1 to 2 years, . . . . .	—	—	—	2	—	2	7	1	9	10
2 to 5 years, . . . . .	—	—	—	5	9	14	5	4	10	23
5 to 10 years, . . . . .	—	—	—	4	1	5	7	8	11	20
10 to 20 years, . . . . .	—	—	—	1	2	3	25	18	26	46
Over 20 years, . . . . .	—	—	—	3	4	7	13	9	16	29
Totals, . . . . .	58	33	91	20	17	37	62	45	82	144
Unknown, . . . . .	—	—	—	38	16	54	1	1	39	56
Totals, . . . . .	58	33	91	58	33	91	63	46	121	200
Average known duration in years, . . . . .	.0416	.0416	.0416	8.81	10.16	9.43	15.29	13.81	13.71	13.32

10. — Discharges, classified by Admission and Result as to Epilepsy and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —																		
First to this hospital, .	—	—	—	—	—	—	5	4	9	—	—	—	11	14	25	16	18	34
Second to this hospital, .	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1	2	—	2
Third to this hospital, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total cases, .	—	—	—	—	—	—	6	4	10	—	—	—	12	14	26	18	18	36
Total persons, .	—	—	—	—	—	—	6	4	10	—	—	—	12	14	26	18	18	36
First admitted to any hospital, .	—	—	—	—	—	—	4	3	7	—	—	—	10	8	18	14	11	25
B. — Sane epileptics : —																		
First to this hospital, .	—	—	—	—	—	—	29	15	44	4	1	5	10	10	20	43	26	69
Second to this hospital, .	—	—	—	—	—	—	3	1	4	—	—	—	—	—	—	3	1	4
Third to this hospital, .	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	—	1
Total cases, .	—	—	—	—	—	—	32	16	48	4	1	5	11	10	21	47	27	74
Total persons, .	—	—	—	—	—	—	32	16	48	4	1	5	11	10	21	47	27	74
First admitted to any hospital, .	—	—	—	—	—	—	24	13	37	4	1	5	9	10	19	33	23	56

11. — *Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<b>Nervous system :—</b>									
Epileptic convulsion, . . . . .	1	1	2	3	—	3	4	1	5
Epilepsy, . . . . .	2	1	3	—	1	1	2	2	4
Exhaustion from epilepsy, . . . . .	2	—	2	1	—	1	3	—	3
Status epilepticus, . . . . .	5	3	8	2	3	5	7	6	13
Tumor of brain, . . . . .	—	—	—	—	1	1	—	1	1
<b>Respiratory system :—</b>									
Lobar pneumonia, . . . . .	—	3	3	—	—	—	—	3	3
Lobular pneumonia, . . . . .	—	—	—	—	3	3	—	3	3
Œdema of lungs, . . . . .	—	—	—	1	—	1	1	—	1
Pulmonary apoplexy, . . . . .	—	—	—	1	—	1	1	—	1
Pulmonary œdema, . . . . .	1	1	2	—	1	1	1	2	3
Pulmonary tuberculosis, . . . . .	—	1	1	—	—	—	—	1	1
Tubercular pneumonia, . . . . .	—	1	1	—	—	—	—	1	1
Tuberculosis, . . . . .	1	—	1	—	—	—	1	—	1
<b>Circulatory system :—</b>									
Chronic endocarditis, . . . . .	—	1	1	—	—	—	—	1	1
<b>General :—</b>									
Acute peritonitis, . . . . .	—	2	2	—	—	—	—	2	2
Cirrhosis of liver, . . . . .	—	—	—	1	—	1	1	—	1
Asphyxia, . . . . .	—	—	—	2	1	3	2	1	3
Totals, . . . . .	12	14	26	11	10	21	23	24	47

## 12. — Deaths, classified by Duration of Disease and Treatment.

## INSANE.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.							
	DURATION BEFORE ADMISSION.					HOSPITAL RESIDENCE.					WHOLE KNOWN PERIOD OF DISEASE.					WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	INSANITY.			EPILEPSY.		INSANITY.			EPILEPSY.		INSANITY.			EPILEPSY.		Males.	Females.	Totals.
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
Congenital, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Under 1 month, . . . . .	10	8	18	-	-	1	1	-	1	-	1	-	1	-	1	-	-	-
From 1 to 3 months, . . . . .	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-
3 to 6 months, . . . . .	-	-	-	-	-	3	3	-	3	-	-	-	-	-	-	-	-	-
6 to 12 months, . . . . .	-	-	-	-	-	1	1	1	2	-	-	-	-	-	-	-	-	-
1 to 2 years, . . . . .	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	1	1
2 to 5 years, . . . . .	-	-	-	-	-	1	1	2	3	-	-	-	1	1	2	-	-	-
5 to 10 years, . . . . .	-	-	-	3	1	4	3	2	5	3	1	2	3	-	2	2	1	2
10 to 20 years, . . . . .	-	-	-	3	4	7	-	2	2	-	-	2	5	1	6	-	3	3
Over 20 years, . . . . .	-	-	-	1	-	1	-	-	-	-	-	-	1	3	4	-	1	1
Totals, . . . . .	10	8	18	7	7	14	10	8	18	10	8	18	7	7	14	2	6	8
Unknown, . . . . .	-	-	-	3	1	4	-	-	-	-	-	-	3	1	4	-	-	-
Totals, . . . . .	10	8	18	10	8	18	10	8	18	10	8	18	10	8	18	2	6	8
Average of known cases (in months), . . . . .	.5	.5	.5	145.71	124.28	135	33.6	81.37	54.83	33.6	81.37	54.83	189.42	182.57	186	9.25	127	160.5



SANE.

[illegible]



REPORT OF THE TRUSTEES

OF THE

MONSON STATE HOSPITAL

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE

YEAR ENDING NOVEMBER 30, 1909.



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OF THE

## MONSON STATE HOSPITAL.

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GEORGE E. BATES,	. . . . .	<i>Engineer.</i>

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WALTER E. HATCH,	. . . . .	<i>Clerk and Treasurer.</i>
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DR. E. G. BRACKETT,	. . . . .	<i>Consulting Orthopedic Surgeon.</i>
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# The Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Monson State Hospital herewith respectfully present their eleventh annual report.

After a service of six years as trustee, Mr. Winford N. Caldwell of Springfield, much to the regret of the other members of the Board, declines reappointment. He has been for some years the business member of the Board, and on his judgment and experience the trustees placed much reliance. His special knowledge, combined with his calm consideration of all subjects brought to his attention, rendered his opinions both valuable and weighty.

In April Mr. Edward P. Bagg of Holyoke was appointed trustee.

On the suggestion of the State Board of Insanity the name of our institution has been changed from the Massachusetts Hospital for Epileptics to the Monson State Hospital. This action was taken to bring about uniformity in the names of the State hospitals, and also to avoid any designation which could seem unpleasant to friends or relatives of the inmates.

On the first of January, 1909, Dr. Annie E. Taft was appointed as research officer and assistant physician. She had received training under Dr. Southard, pathologist of the State Board of Insanity, and has proved a valuable addition to the staff.

Dr. Melvin E. Cowen, one of the assistant physicians, resigned in May in order to enter private practice. Dr. Frederick W. Guild has been temporarily given his position.

The senior assistant physician, Dr. Hodskins, has been granted leave of absence for some months in order to study in Europe.

The general health of the inmates of the hospital has been good ; there have been no epidemics and no serious health disturbances.

Dr. Elliot G. Brackett, orthopedic surgeon to the hospital, has done much valuable work during the past year, chiefly operations on patients for deformities. Dr. Walter Weiser of Springfield and Dr. George A. Moore of Palmer have performed some surgical work for the hospital. Dr. William Drea did a large amount of dental work at the hospital during the summer and has given valuable instructions on this subject.

A new system of bookkeeping has been instituted by the State Board of Insanity and the State Auditor, bringing the accounts into uniformity with those of the other State institutions and facilitating comparisons. Mr. George L. Clark, who has acted as special accountant for the hospital for some years, has ceased to do this work, because it can now be done at the office of the State Auditor.

The appropriations received from the Legislature during the past year have been as follows. In addition to the ordinary appropriations for current expenses we have received : —

For the construction and furnishing of two dormitories for the accommodation of 75 children each, one for boys and one for girls, . . . . .	\$84,000
For the construction and furnishing of a service and administration building for the children's department, . . . .	34,000
For sewer, water and electric connections, . . . . .	5,000

The three buildings above mentioned together will constitute the children's department, which, when these buildings are completed, should accommodate 150 children. These buildings are situated on the eastern slope of the western hills belonging to the hospital, and have been placed at such a distance from the buildings for the adults that communication between the adults and the children can be entirely prevented, and at the same time the superintendent can have suitable supervision over both groups. Above the buildings of the children's group, on the slope of the hill and near its top, is a beautiful wood, which we hope to use as a playground for the children.

The management and organization of the children's group

have been the subject of long and earnest consideration. It seems probable that an assistant superintendent, under the direct supervision and orders of the superintendent, will be placed in charge of this group. The separation of the children from the adults is most important and under the present conditions can be easily carried out.

We consider ourselves most fortunate in having at the present time a superintendent who has had a long and successful experience in caring for children of this class, and who has shown himself remarkably equipped for this form of work. It is hoped that the time will come before long when all age limitation shall cease and the hospital will be permitted to receive children of any age. The admission of younger children will permit us to study more fully all forms of epilepsy, and we shall at least have the opportunity to treat patients before they have become confirmed invalids by long years of disease. The training of epileptic children can be better carried out if it is begun early and is in the hands of experts.

For the coming year we ask for the following appropriations: —

Extension of the sewer plant, . . . . .	\$6,000
Purchase of a special field, . . . . .	740
Construction of a cottage for women employees, . . . . .	2,000

It is necessary to extend the sewer so that it may adequately care for the children's buildings. We desire also to make provisions for the surplus sewage from the present plant, and to connect herewith the buildings of the farm group.

The field which we now desire to purchase is entirely surrounded by our own land. We have leased it for some years and find it useful to us. It will yield a good return for its price in pasturage.

We have at present on hand an appropriation of \$3,900 which was granted for the purpose of finishing certain rooms in the basement of the women's south building and fitting them for sleeping rooms for women employees. We believe, however, that these rooms are not especially suitable for this purpose, while they are most valuable to us for other uses, and we



wish for an appropriation of \$2,000, which may be added to the \$3,900, with permission to apply the whole sum to the construction of a suitable cottage for female employees.

In any institution of the size and character of this one there are always many purposes to which money can be usefully applied, but the trustees feel that funds should only be asked for the more pressing and important needs, and more especially where a greater expense in the future can be saved. We have therefore limited our requests to the sums and for the purposes stated above.

The hospital has itself done considerable work during the year. A large portion of the surface of the ground under the coal trestle has been concreted, so that the shovelling of the coal can be rendered easier and earth will not be mixed with the coal. This work will be completed next year. The coal trestle itself had become unsafe and this has been rebuilt by our carpenters.

At Farm cottage the patients are building a shed 20 feet square and one story high, of old lumber, which when completed will serve as a smoking room and place for games. These patients have also dug out the spring and made a large stone well about 16 feet deep. They have dug up all the old lead pipe and replaced it with galvanized-iron pipe. The attendants at Farm group have reshingled the roof of the building.

The roof of the employees' cottage has been repaired, the shingles have been removed and replaced by slate.

The large wooden piazza round the men's building has also been removed and replaced by concrete. At the greenhouse an additional house has been built especially for cucumbers; it is connected with the old building plant.

The town of Monson has done a large amount of work in thoroughly macadamizing a piece of the road which runs from the town of Palmer directly to the hospital. We have been glad to aid in this work by means of furnishing stone crushed by our stone crusher.

The research work of the hospital, under the charge of Dr. Taft, has acquired a firm foundation this year and there is an excellent prospect of valuable results. Dr. Taft will present a special report on her work.

Cooper-Hewitt lights have been installed in the building for



photography and some excellent colored photographs have been produced. We have also succeeded in obtaining some moving pictures which are likely to prove scientifically valuable. In this connection Dr. Walter G. Chase of Boston has kindly aided us and been of much service to the hospital.

In conclusion, the trustees desire again to call attention to the great care required in the selection of employees, attendants and nurses. On the two latter classes depend, in great part, the immediate care and supervision of the patients, their health, their comfort and their happiness. We feel most strongly the sense of the responsibility of the officers, to whom belong the serious duties of appointing these subordinates, but we must point out that the difficulties in determining the reliability, the honesty, the good character and good temper of the applicants for and holders of these positions are very great. Constant care and watchfulness are required and the greatest discretion must be exercised. The cause and remedies for this condition have been spoken of in a previous report.

WILLIAM N. BULLARD, *Chairman,*  
*For the Trustees.*

## SUPERINTENDENT'S REPORT.

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*To the Trustees of the Monson State Hospital.*

I hereby submit my annual report for the year ending Nov. 30, 1909.

I am glad to report a year of prosperous work, with no serious troubles and in fact no complaints beyond the few which seem to be inevitable concomitants of work with nervous and diseased minds. The thought naturally suggests itself whether it is possible to so conduct affairs that there will be no complaints. Any one who has had experience in institution work will at once answer that such a Utopian state is not practicable in an institution any more than it is in a family. Of course the next suggestion would be whether it cannot be more nearly approximated than is now done. To this question I think we may always give an affirmative answer. How to attain the point nearest the correct standard is what occupies all our waking hours. The routine work ought to be so conducted that this object will be in view all the time. The daily drudgery should never become so stereotyped that there is no pleasure in it. If all workers can so vary their work as to keep heart in it there is no danger of its going to seed and becoming nothing but work. Each one should have a chance for independence to as large a degree as his capacity will allow.

Some workers are always able to see something else to do for the welfare of the patient. Many can see nothing but what tradition points out. If a new line is suggested they claim that this has never been done before and ought not to be expected of them. This is what kills all enthusiasm, and such a person may generally drop out without detriment to the work; though occasionally, by instruction, he becomes useful and fertile to a degree. The mere matter of salary is something of a consideration, but is far less than many other elements.

The whole success or failure of an individual in this kind of work seems to depend more upon his personality than upon any particular qualities. The whole make-up is what tells, and some persons will succeed while others fail.

If we could get just the right persons for each position we would be at the point nearest perfection. So long as this is impossible, and we have to keep trying to fit people into their positions, only an approximately perfect result is reached. The greater the effort to get the right workers and to teach them, the greater the degree of success in the whole work.

With epileptic patients there are especial difficulties and their attendants need particular instruction, often repeated. A lifetime of conscientious labor in this field hardly fits even the best adapted to do all that ought to be done; but certainly no one can fail to gain something if he tries to learn from those of experience and if his heart is in the work. The success at this hospital in these matters is well worth a favorable comment, and to the worker in each ward and to the one almost alone in a department praise is largely due. If complaints and troubles come we can usually see how some individual, by tact and kindness, might have avoided them; and, in the same way, it seems to me demonstrable that these individuals in our work are the ones who should receive special credit if all does go smoothly.

This only further establishes the fact, long since recognized, that our main problem is to find satisfactory helpers to care for patients.

The trials and difficulties with patients are sometimes very prominent, though there are generally some successes to lighten the burden. Generally the whole number of persons who are really very trying on any day can be reckoned on the fingers of one hand, and if we stop to count our blessings, it is not so hard to handle the few troubles coming at any one time under normal conditions.

Play, work, study, treatment have been introduced as fully as possible so as to take the place of mere drug treatment, — the plan in general being to reduce this last to a minimum.

The material progress of our institution has been also satisfactory. The usual repairs and improvements have been attended to in an economical manner. Besides these some extraor-



dinary repairs have been possible and have added considerably to the value of our plant.

The State Highway Commission has made a survey of the road from Palmer to our south building. The town of Monson has done the work and the hospital has furnished the crushed stone to macadamize about half a mile of this. It is probable that the remaining portion will be handled in the same way during the coming season.

In the medical work constant effort has been put forth to improve the condition of the patients, and a fair degree of success has been reached. With the advanced cases a small percentage of recoveries is all that we can hope for; but among the much improved we are to list a very large percentage. This nearly always means that the patients, though well here so far as epileptic seizures are concerned, would not remain so if taken back to the surroundings from which they came. The advantage in thus keeping even a single patient free from these harrowing attacks cannot be overestimated, and as we consider that a large number are thus kept we find encouragement in this work.

There has been only one change during the year in the list of our medical officers.

The appropriation of the last Legislature was granted in one sum, though it was divided into four parts. The total amount was \$123,000. With this we are to carry out the plan of establishing a group for the accommodation of children, with especial reference to their school needs.

The plan comprises three buildings: one for the service building, furnishing rooms for the workers, and one dormitory for 75 girls and another for 75 boys. The appropriation also includes connecting these buildings with the mains of sewer, water, electric light and telephone. Each building has a separate heating plant. The service building has a low-pressure steam boiler to heat the building and to supply steam for the kitchen work, and each dormitory has a hot-water apparatus for heating the house.

The hot-water supply is provided for each building by a separate tank heater. This arrangement gives each building control of its own heating, and avoids cutting trenches from one building to another through the ledge, which comes near the surface



of the ground in many places. If we were furnishing power or high-pressure steam this would not be advisable, but the problem is a different one from that we meet in our main plant. We especially desire to have it possible to heat the day rooms during damp and cold mornings in the summer and mornings and evenings during the fall and spring months. By this arrangement a few sticks of wood in the furnace will be sufficient to warm the water in the heating system and take the chill off the rooms when necessary. This method has already been sufficiently tested at our Farm group to make us feel certain of its practical working.

This whole provision for the care of children seems an admirable beginning of visible results of the years of study which your Board has given to this problem. Though epilepsy in children is far from hopeful, much can be done and many lines of research will be possible so that eventually a much larger percentage of recoveries may be attained.

Changes were made by the last Legislature relating to the forms of admission to this hospital, so that we now have admissions, as formerly, of the insane, private if the family is able to pay the minimum rate of \$5 per week, otherwise wholly public or reimbursed through the State Board by such amounts as the family is able to assume, and the voluntary commitments, which may be private or public in the same way. There is also a provision by which a person who is merely dangerous by reason of epilepsy may be committed, though sane.

I here incorporate Dr. Taft's statement as to her work, with the list of autopsies somewhat in detail. The research work at the hospital has been carried on under the direction of Dr. E. E. Southard, pathologist to the State Board of Insanity. The first undertaking was the equipment of a laboratory for pathological work. Material from the trunk organs, secured at autopsies on epileptic patients, was gathered from several of the State hospitals, notably Danvers, Dr. E. E. Southard, pathologist; Taunton, Dr. C. J. McGaffin, pathologist; Worcester, Dr. T. A. Hoch, pathologist, and Westborough, Dr. S. W. Fuller, pathologist.

A series of 60 cases, including also those from this hospital, has been examined microscopically, and from these the findings in 50 cases have been tabulated, to show the relative occurrence of various essential or complicating pathological factors in epi-

lepsy. These results have already been presented at the pathological colloquium, Harvard Medical School, Dec. 2, 1909. This work has also suggested several new lines of research, by reason of the preponderance of liver and kidney lesions.

In addition a detailed study of Brown Sequard's guinea pig epilepsy has been carried on with numerous animals. This work is not yet completed. For the information of any who may have scruples as to the use of animals for experimental work, I may say that no animals are operated upon without an anæsthetic, and that in general an operation of any kind is not necessary to carry out the experiments we do.

Considerable study of the literature along the lines of heredity, neurology and special pathology has been included.

Post-mortem examinations have been made on 32 cases during the current year, the gross findings on which follow:—

*No. 808.*—Male. Autopsy Dec. 7, 1908. Pleuritis (old); pulmonary tuberculosis; œdema of lungs.

*No. 1314.*—Female. Autopsy Dec. 15, 1908. Œdema of lungs; hyperemia of spleen.

*No. 315.*—Male. Autopsy Dec. 31, 1908. Acute dilatation of the heart.

*No. 1330.*—Female. Autopsy Jan. 15, 1909. Congestion and œdema of the lungs; bronchial lymphnoditis.

*No. 1376.*—Male. Autopsy Jan. 25, 1909. Cerebral atrophy and sclerosis; enlarged bronchial glands.

*No. 865.*—Female. Autopsy Jan. 27, 1909. Internal hydrocephalus. No.

*No. 1334.*—Male. Autopsy March 3, 1909. Cerebral sclerosis; meningitis (old); cloudy swelling of kidneys; hypostatic congestion of lungs.

*No. 568.*—Male. Autopsy March 26, 1909. Chronic nephritis; œdema of lungs; chronic gastritis.

*No. 653.*—Male. Autopsy March 18, 1909. Lobar pneumonia.

*No. 977.*—Male. Autopsy March 28, 1909. Chronic interstitial nephritis.

*No. 1300.*—Male. Autopsy April 8, 1909. Pulmonary tuberculosis and œdema; chronic endocarditis; acute aortic endocarditis; chronic interstitial nephritis.

*No. 706.*—Male. Autopsy April 10, 1909. Pulmonary tuberculosis and œdema; atheroma of aorta; chronic nephritis; chronic cystitis.

*No. 1399.*—Female. Autopsy April 11, 1909. Pulmonary tuberculosis; chronic pleuritis; focal peritonitis; tuberculous ulcers of small intestine; chronic peri-appendicitis; chronic hepatitis; chronic tuberculous nephritis; cerebro-spinal œdema.



*No. 174.* — Male. Autopsy April 14, 1909. Embolism of pulmonary artery (?); œdema of lungs; chronic pleuritis; chronic typhlitis; abscess of kidneys; pyelo-nephritis; cystitis; orchitis; atheroma of aorta.

*No. 293.* — Male. Autopsy April 30, 1909. Healed pulmonary tuberculosis; chronic pleuritis; cholecystitis; chronic interstitial nephritis; cystitis; arteriosclerosis; cerebral hemorrhage.

*No. 962.* — Male. Autopsy May 6, 1909. Multiple bronchiectatic abscesses; chronic pleuritis; pleural effusion; acute pericarditis; cardiac hypertrophy; multiple abscesses of myocardium; endocardium, liver, spleen, kidney, colon and lymph nodes; multiple decubitus; abscesses of cerebral cortex with focal meningitis.

*No. 406.* — Male. Autopsy May 10, 1909. Pulmonary tuberculosis and œdema; right pleural effusion; mesenteric lymphnoditis; dorsal scoliosis; decubitus.

*No. 743.* — Female. Autopsy May 17, 1909. Pulmonary tuberculosis and œdema; acute bronchilitis; chronic focal peritonitis; small cyst of kidney; slight internal hydrocephalus, right; left hemiplegia.

*No. 122.* — Female. Autopsy May 24, 1909. Pulmonary tuberculosis; chronic pleuritis; chronic hepatitis; chronic appendicitis; chronic peri-appendicitis; chronic peritonitis; chronic interstitial nephritis, multiple contusions; hypoplasia of right occipital lobe; cerebral hemorrhage.

*No. 1124.* — Male. Autopsy July 14, 1909. Multiple bronchiectatic abscesses; pulmonary œdema; left chronic pleuritis; acute fibrous pericarditis; chronic perisplenitis; slight atheroma of aorta; slight subpial œdema.

*No. 702.* — Male. Autopsy July 12, 1909. General anasarca, aortic stenosis and regurgitation with mitral regurgitation; pulmonary œdema; right chronic pleuritis; bronchial lymphnoditis; congested spleen; hour-glass stomach; submucous intestinal hemorrhages; chronic hepatitis; slight chronic diffuse nephritis; atheroma and calcification of the aorta; left inguinal hernia; œdema of brain and cord.

*No. 1748.* — Male. Autopsy Aug. 9, 1909. Chronic interstitial keratitis with pterygium; hypostatic congestion of lungs; chronic pleuritis; slight œdema of right lung; calcified nodule on mitral valve with mitral stenosis; milk patch on visceral pericardium; congestion, submucous hemorrhage and ulceration of ileum; ulceration of ileocecal valve; chronic hepatitis; double adrenal hemorrhage; slight diffuse nephritis; antero-posterior and lateral curvature of dorsal spine; contracture of the left knee; focus of hemorrhagic softening in right cerebral hemisphere, including portions of the optic thalamus and corpus striatum, extending out over the Island of Reil; chronic external hemorrhagic pachymeningitis of dorsal cord, with softening of underlying segments.

*No. 180.* — Female. Autopsy Aug. 17, 1909. Bronchiectatic abscesses; chronic pleuritis; chronic gastritis; acute dilatation of the stomach; transverse colon contracted in its transverse diameter; der-

moid cyst of left ovary; atrophic right ovary; decubitus over right gluteal region and sacrum; slight subpial œdema.

*No. 1753.* — Male. Autopsy Sept. 17, 1909. General malnutrition; milk patch on visceral pericardium; beginning broncho pneumonia.

*No. 636.* — Female. Autopsy Sept. 20, 1909. General malnutrition; abscess of lung; congestion of spleen; chronic diffuse nephritis; multiple decubitus.

*No. 973.* — Female. Autopsy Sept. 27, 1909. Cardiac hypertrophy; acute pericarditis; hydro-pericardium; chronic pleuritis; pleural effusion; gastroptosis; ascites; chronic interstitial splenitis; chronic diffuse nephritis; acute cystitis; hypostatic congestion of lungs, with some œdema of right lower lobe; œdema of face and extremities; chronic focal lepto meningitis.

*No. 1247.* — Male. Autopsy Oct. 2, 1909. Malnutrition; dilatation of the stomach; fecal concretions in appendix; chronic peritonitis; pleural effusion; hypostatic congestion of lungs; atheroma of aorta; porencephaly left cerebral hemisphere.

*No. 1098.* — Male. Autopsy Oct. 10, 1909. Acute pericarditis; œdema and hypostatic congestion of lungs.

*No. 1103.* — Male. Autopsy Oct. 12, 1909. Acute lobar pneumonia (massive); acute pleuritis; congested spleen; dilated stomach; chronic appendicitis; slight mesenteric lymphnoditis; chronic aortitis.

*No. 1201.* — Female. Autopsy Oct. 30, 1909. Chronic pleuritis; hydropericardium; ascites; peri-cystitis; chronic diffuse nephritis, with abscess of right kidney.

*No. 452.* — Female. Autopsy Oct. 31, 1909. Chronic pleuritis left lung; cholelithiasis.

*No. 1792.* — Male. Autopsy Nov. 26, 1909. Chronic endocarditis; hypertrophied heart; atheroma of aorta; chronic splenitis; renal cyst.

*No. 999.* — Male. Autopsy Nov. 28, 1909. Double hallux valgus; chronic peri-appendicitis; congestion and œdema of lungs; acute bronchiolitis; congested liver and chronic hepatitis; atheroma of aorta (slight).

#### CLERGYMEN WHO HAVE HELD SERVICE.

Rev. George A. Andrews.

Rev. F. S. Brewer.

Rev. Abram Conklin.

Rev. Francis W. Gibbs.

Rev. Charles Hill.

Rev. William Hart.

Rev. H. W. Smith.

Rev. C. J. Sniffen.

Rev. Charles W. Williams.

#### AMUSEMENTS.

Dances, 56; masquerade, 1; moving pictures, 8; excursions to lake, 28; excursions to fair, 2; dancing school, 23; physical culture classes, 25; entertainments, 3.



## GIFTS.

NAME.	Place.	Article.
Mr. F. F. Marcy, . . . .	Palmer, . . . .	Reading matter.
Mrs. L. Purtell, . . . .	Salem, . . . .	Presents for Christmas tree.
Miss Nellie Cotter, . . . .	Roxbury, . . . .	Clothing.
Mrs. J. A. Conroy, . . . .	Roxbury, . . . .	Clothing.
Mr. Dennis F. Lyons, . . . .	Marlborough, . . . .	Clothing.
Lynde & Gould, . . . .	Palmer, . . . .	Calendars.
Mr. T. W. Main, . . . .	Springfield, . . . .	Calendars and magazines.
Mr. J. L. Shaw, . . . .	Springfield, . . . .	Magazines.
Mrs. Elizabeth Rumrell, . . . .	Boston, . . . .	Clothing.
Miss M. E. Kilduff, . . . .	Springfield, . . . .	Magazines.
D. E. Marcy, . . . .	Palmer, . . . .	Reading matter.
Mrs. Hinchey, . . . .	Palmer, . . . .	Reading matter.
Mrs. Northup, . . . .	Palmer, . . . .	Reading matter.
Mr. Joel Jones, . . . .	New York, N. Y., . . . .	Clothing and Easter cards.
Mrs. B. B. Read, . . . .	Fall River, . . . .	Clothing.
Miss Margaret O'Donnell, . . . .	Dalton, . . . .	North Adams daily paper.
Mrs. W. H. Pease, . . . .	Monson, . . . .	Reading matter.
Mr. B. S. Atwood, . . . .	Whitman, . . . .	Clothing.
Mrs. E. F. Fales, . . . .	San Diego, Cal., . . . .	Clothing and games.
Rev. O. W. Foye, . . . .	Torrington, Conn., . . . .	Clothing.
Mrs. L. J. Vaughan, . . . .	New Bedford, . . . .	Clothing.
Rev. Abram Conklin, . . . .	Monson, . . . .	Magazines.
Miss Morris, . . . .	Monson, . . . .	Books and magazines.
Mr. Everett Carpenter, . . . .	Palmer, . . . .	Magazines.
Mrs. L. E. Chandler, . . . .	Palmer, . . . .	Magazines.

*Table showing Patients employed and in What Way.*

	Men.	Women.
Administration building, . . . .	1	5
Bakery, . . . .	8	—
Barn, . . . .	12	—
Carpenter, . . . .	1	—
Dining room, . . . .	24	19
Employees' cottage, . . . .	1	3
Engineers' department, . . . .	2	—
Farm, . . . .	7	—
Garden, . . . .	1	—
Greenhouse, . . . .	13	—

*Table showing Patients employed and in What Way — Concluded.*

	Men.	Women.
Industrial building, . . . . .	16	—
Kitchen, . . . . .	19	25
Laundry, . . . . .	11	61
Mason, . . . . .	2	—
Music, . . . . .	—	1
Nurses' home, . . . . .	—	4
On roads, . . . . .	37	—
Painter, . . . . .	5	—
Printer, . . . . .	1	—
School, . . . . .	6	30
Sewing room, . . . . .	—	46
Store, . . . . .	4	—
Ward work, . . . . .	139	93
With yard man, . . . . .	23	—
	333	287

### OPERATIONS.

Plastic operation and tenotomy for chronic flexed fingers, 2.

Tenotomy for chronic flexion of wrist, 1.

Tenotomy, equino-varus, 1.

Divergency of eyes, 1.

Wiring of fractured femur, 1.

Perineal operation for stricture of urethra.

Tonsilotomies, 12.

Trephining, 1.

Circumcisions, 7.

Curettage, 26.

Convergency of the eyes, 3.

Hemorrhoids, 1.

Varicocele, 1.

### *List of Graduates.*

NAMES.	Class.	Occupation.	Address.
Fannie C. Cronin, . . . . .	1901	Monson State Hospital, supervisor,	Palmer.
Mary E. Kilduff, . . . . .	1901	Private nursing, . . . . .	Springfield.
Emma S. McKeever, . . . . .	1901	Matron at State Farm, . . . . .	State Farm.
Julia O'Brien, . . . . .	1901	Private nursing, . . . . .	22 Kenilworth Street, Roxbury.
Edith E. Townsend, . . . . .	1901	Married, . . . . .	Bragville, Me.
Carroll W. Briggs, . . . . .	1902	Boston City Hospital, . . . . .	Boston.
A. M. D. Manwarring, . . . . .	1902	— — — — —	Averill Park, N. Y.
Edwin S. Manwarring, . . . . .	1902	— — — — —	Averill Park, N. Y.
James L. McKeever, . . . . .	1902	State Farm, . . . . .	State Farm.

*List of Graduates — Concluded.*

NAMES.	Class.	Occupation.	Address.
Walter L. McKeever, . . .	1902	- - -	Middletown, Conn.
Hattie Edith Rowe, . . .	1902	- - -	Georgetown, Me.
Alice B. Smith, . . .	1902	Bookkeeping, . . . .	Medford.
Marguerite Casey, . . .	1903	Private nursing, . . . .	Burlington, Vt.
Catherine Daley, . . .	1903	Connecticut Hospital for Insane, .	Middletown, Conn.
Georgie A. Nute, . . .	1903	Stamford Hall, . . . .	Stamford, Conn.
George J. Flint, . . .	1903	- - -	Palmer.
Mea D. Brown, . . .	1905	Private nursing, . . . .	Portland, Me.
Annie A. Caldwell, . . .	1905	Private nursing, . . . .	Springfield.
Louis A. Fontaine, . . .	1905	- - -	Palmer.
Frank L. Morway, . . .	1905	Apothecary at Monson State Hos- pital.	Palmer.
Christine McClellan, . . .	1906	Married, . . . .	Prince Edward Island.
Lutie F. Cambell, . . .	1907	Assistant supervisor, Monson State Hospital.	Palmer.
Theresa A. Brown, . . .	1907	- - -	- - -
Mary G. Hancock, . . .	1907	Private nursing, . . . .	Holyoke.
Mrs. Anna Woodward, . . .	1907	Private nursing, . . . .	Syracuse, N. Y.
Elizabeth McCarthy, . . .	1907	Assistant supervisor, Monson State Hospital.	Palmer.
Samuel E. Chase, . . .	1907	Brattleborough Retreat, nurse, .	Brattleboro, Vt.
William L. Paine, . . .	1907	Nurse, Monson State Hospital, .	Palmer.
Edith M. Brooks, . . .	1908	Private nursing, . . . .	Boston.
Eva G. Caldwell, . . .	1908	- - -	Woodstock, N. B.
Mary J. Caldwell, . . .	1908	Private nursing, . . . .	Woodstock, N. B.
Susan E. Crumb, . . .	1908	Private nursing, . . . .	Watertown, N. Y.
Daisy I. Dowling, . . .	1908	Private nursing, . . . .	Brockton.
Olla G. Dowling, . . .	1908	Private nursing, . . . .	Brockton.
Dora L. Jacques, . . .	1908	Private nursing, . . . .	Presque Isle, Me.
Agnes M. Millen, . . .	1908	Private nursing, . . . .	Syracuse, N. Y.
Anna L. Millen, . . .	1908	Private nursing, . . . .	Salem.
Katherine C. Murray, . . .	1908	Married, . . . .	Dorchester.
Mae P. Leeman, . . .	1908	Nurse, Monson State Hospital, .	Palmer.
Nellie F. Brown, . . .	1909	Married, . . . .	Palmer.
Mary S. Campbell, . . .	1909	Nurse, Monson State Hospital, .	Palmer.
Katherine C. Donovan, . . .	1909	Nurse, Monson State Hospital, .	Palmer.
Ermina E. Drennan, . . .	1909	Nurse, Monson State Hospital, .	Palmer.

The nurses have worked away from the hospital 282 days.

Respectfully submitted,

EVERETT FLOOD,  
*Superintendent.*

## GENERAL INFORMATION.

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The name of the institution is now the Monson State Hospital.

### METHODS OF ADMISSION.

1. The regular insane commitment, such as is used at the insane hospitals.

2. Voluntary cases, either public or private, with the certificate of one doctor, but no judge.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London Northern division of the Central Vermont. The Ware River branch of the Boston & Albany railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.70.



## ARTICLES MADE AND REPAIRED IN THE SEWING ROOM.

MADE.			
Aprons, . . . . .	494	Laundry bags, . . . . .	63
Aprons, mangle, . . . . .	7	Mittens, pairs, . . . . .	546
Art squares, . . . . .	2	Mattress protectors, . . . . .	78
Boys' blouses, . . . . .	15	Night gowns, long, . . . . .	210
Burial robes, . . . . .	9	Night gowns, short, . . . . .	261
Burial drawers, pairs, . . . . .	12	Napkins, . . . . .	228
Burial napkins, pairs, . . . . .	12	Night shirts, . . . . .	127
Burial chemise, . . . . .	12	Nurses' caps, . . . . .	26
Bibs, . . . . .	114	Operating towels, . . . . .	84
Belts, . . . . .	11	Overalls, pairs, . . . . .	70
Bathing caps, . . . . .	31	Petticoats, long, . . . . .	106
Bureau scarfs, . . . . .	132	Petticoats, short, . . . . .	188
Coats, . . . . .	136	Pin cushions, . . . . .	3
Corset covers, . . . . .	100	Piano cover, . . . . .	1
Canvas aprons, . . . . .	12	Pillow slips, . . . . .	73
Canvas box cover, . . . . .	1	Pillow ticks, . . . . .	34
Chemises, . . . . .	215	Rugs, . . . . .	82
Cheese cloth covers, . . . . .	12	Rubber apron, . . . . .	1
Curtains, . . . . .	122	Rubber pillow slips, . . . . .	6
Clothes-pin bags, . . . . .	4	Shirt waists, . . . . .	31
Collar bag, . . . . .	1	Suspenders, pairs, . . . . .	171
Corset waists, . . . . .	3	Skirts, . . . . .	9
Dresses, . . . . .	515	Shirts, . . . . .	12
Denim pants, pairs, . . . . .	19	Straps for curtains, . . . . .	6
Denim coat, . . . . .	1	Suits, . . . . .	7
Dish towels, . . . . .	537	Sheets, . . . . .	17
Dusters, . . . . .	56	Table cloths, . . . . .	142
Drawers, pairs, . . . . .	134	Table napkins, dozen, . . . . .	3
Dressing sacks, . . . . .	8	Tray cloths, . . . . .	68
Flags, . . . . .	8	Trousers, pairs, . . . . .	161
Garters, pairs, . . . . .	229	Towels, . . . . .	1,243
Gymnasium suits, . . . . .	12	Towels, roller, . . . . .	845
Gymnasium pants, pairs, . . . . .	17	Ties, . . . . .	6
Holdings, . . . . .	24	Toilet napkins, dozen, . . . . .	70½
Instrument cases, . . . . .	2	Union suits, . . . . .	65
		Vests, . . . . .	20

REPAIRED.			
Aprons, . . . . .	123	Mittens, pairs, . . . . .	3
Bibs, . . . . .	82	Night shirts, . . . . .	89
Blouses, . . . . .	38	Night gowns, long, . . . . .	145
Bedspreads, . . . . .	28	Night gowns, short, . . . . .	168
Blankets, . . . . .	25	Overcoat, . . . . .	1
Bath robes, . . . . .	2	Overalls, pairs, . . . . .	129
Coats, . . . . .	347	Pillow slips, . . . . .	80
Clothes bags, . . . . .	24	Petticoats, . . . . .	19
Corset covers, . . . . .	18	Pajamas, . . . . .	35
Chemises, . . . . .	23	Rugs, . . . . .	28
Drawers, . . . . .	581	Shirts, . . . . .	571
Dresses, . . . . .	156	Sheets, . . . . .	45
Dresses (new sleeves), . . . . .	41	Sweaters, . . . . .	4
Discarding bags, . . . . .	7	Shoulder blankets, . . . . .	12
Flags, . . . . .	2	Skirts, . . . . .	14
Gloves, pairs, . . . . .	2	Table cloths, . . . . .	27
Gymnasium pants, pairs, . . . . .	1	Trousers, pairs, . . . . .	845
Hose, pairs, . . . . .	3,690	Towels, . . . . .	86
Handkerchiefs, . . . . .	5	Typewriter cover, . . . . .	1
Jersey, . . . . .	1	Tying jacket, . . . . .	1
Jumpers, . . . . .	24	Undershirts, . . . . .	219
Laundry bags, . . . . .	4	Union suits, . . . . .	53
Mattress protectors, . . . . .	13	Vests, . . . . .	53
Mail bag, . . . . .	1	Wrappers, . . . . .	22

ARTICLES MADE AND REPAIRED ON  
THE WARDS.

REPAIRED.			
Aprons, . . . . .	97	Pillow slips, . . . . .	5
Bibs, . . . . .	335	Pants, pairs, . . . . .	1,312
Blankets, . . . . .	56	Shirts, . . . . .	1,163
Barber chair covers, . . . . .	2	Suspenders, pairs, . . . . .	20
Bedspreads, . . . . .	29	Slippers, pairs, . . . . .	5
Coats, . . . . .	599	Table cloth, . . . . .	1
Cloth bags, . . . . .	2	Union suits, . . . . .	37
Drawers, pairs, . . . . .	611	Vests, . . . . .	126
Hose, pairs, . . . . .	28		
Gymnasium pants, pairs, . . . . .	2	MADE.	
Laundry bags, . . . . .	13	Barber aprons, . . . . .	2
Mattress covers, . . . . .	99	Coats, . . . . .	5
Night shirts, . . . . .	12	Suspenders, pairs, . . . . .	195

## ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOM.

MADE.		REPAIRED.	
Awnings, . . . . .	2	Barber chair, . . . . .	1
Blackboard erasers, . . . . .	3	Baseball mittens, pairs, . . . . .	3
Coat hangers, . . . . .	33	Boots, pairs, . . . . .	3
Envelopes, pill, . . . . .	2,200	Couch, . . . . .	1
Envelopes, large, office, . . . . .	1,350	Crutches, pair, . . . . .	1
Hammer handles, . . . . .	3	Chairs, . . . . .	65
Laundry mangles sewn, . . . . .	4	Fire escape, . . . . .	1
Mattresses, . . . . .	18	Floor pillows, . . . . .	2
Rugs, rope, . . . . .	33	Gloves, men's, pairs, . . . . .	3
Shoes, men's, pairs, . . . . .	356	Hall curtain eyeletted, . . . . .	1
Slippers, men's, pairs, . . . . .	303	Hassock, . . . . .	1
		Harness, parts, . . . . .	10
		Mail bags, . . . . .	2
		Morris chair cushion, . . . . .	1
		Mattresses, . . . . .	210
		Office paper holders, . . . . .	4
		Pillows, . . . . .	453
		Rugs, . . . . .	7
		Razor strops, . . . . .	3
		Stools, camp, . . . . .	16
		Stool, foot, . . . . .	1
		Shoes, pairs, . . . . .	1,744
		Shoes marked, pairs, . . . . .	79
		Screens, . . . . .	8
		Suit case, . . . . .	1
		Umbrellas, . . . . .	106
		Hair for mattresses and pillows picked and cleansed.	
PRINTED.			
Blanks, . . . . .	51,125		
Envelopes, . . . . .	1,880		
Names, . . . . .	56		
Note heads, boxes, . . . . .	9		
Postal cards, . . . . .	250		
Programs, essays, rules, etc., . . . . .	1,305		
CARVED.			
Cemetery head marks, . . . . .	10		
Sign and door plates, . . . . .	20		
CUT.			
Coats, work, . . . . .	89		
Coats, summer, . . . . .	88		
Mittens, dozen, pairs, . . . . .	56		
Overalls, work, pairs, . . . . .	88		
Pants, work, pairs, . . . . .	176		
Suits, work, . . . . .	8		
Vests, work, . . . . .	15		



## FARM PRODUCTS.

FROM DEC. 1, 1908, TO DEC. 1, 1909.

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Apples, eating, 289 bushels, at \$3,	\$867 00
Apples, cider, 386 bushels, at \$0.15,	87 90
Apples, crab, 2 bushels, at \$1,	2 00
Beans, dry, 10 bushels, at \$3.30,	33 00
Beans, string, 227½ bushels, at \$1,	227 50
Beans, shell, 57 barrels, at \$1.25,	71 25
Beets, 139 bushels, at \$0.50,	69 50
Beet greens, 14 bushels, at \$0.35,	4 90
Beef, 1,413 pounds, at \$0.08,	113 04
Cabbage, 13⅔ tons, at \$20,	268 00
Carrots, 362 bushels, at \$0.60,	217 20
Calves sold, 29,	74 50
Cucumbers, 37 boxes, at \$2,	74 00
Corn, sweet, 708 bushels, at \$0.75,	531 00
Corn, husked, 812 bushels, at \$0.75,	609 00
Currants, 70 quarts, at \$0.11,	7 70
Ensilage, 300 tons, at \$5,	1,500 00
Fodder, dry, 125 tons, at \$5,	625 00
Fodder, green, 240 tons, at \$12,	2,880 00
Grapes, 50 pounds, at \$0.03,	1 50
Hay, 300 tons, at \$18,	5,400 00
Hay, bog, 5 tons, at \$10,	50 00
Hay, meadow, 18 tons, at \$10,	180 00
Hay, oat, 40 tons, at \$10,	400 00
Hides sold,	13 08
Lettuce, 265½ boxes, at \$0.75,	201 00
Lumber,	421 18
Milk, 288,221 quarts, at \$0.05,	14,411 05
Onions, 354 bushels, at \$0.85,	300 90
Parsnips, 297 bushels, at \$0.75,	222 75
Peas, 39½ bushels, at \$1,	39 50
Peppers, 6 bushels, at \$0.75,	4 50
Potatoes, 510 bushels, at \$0.95,	484 50

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*Amount carried forward,* . . . . . \$30,392 45

<i>Amount brought forward,</i>	\$30,392 45
Pears, 3 bushels, at \$1.75,	5 25
Pork, 6,095 pounds, at \$0.05,	306 72
Posts, 225, at \$1,	225 00
Poles, telephone,	80 00
Radishes, 52 dozen bunches, at \$0.25,	13 00
Radish, horse, 2 bushels, at \$1,	2 00
Rhubarb, 1,578½ pounds, at \$0.02,	31 57
Squash, summer, 48½ pounds, at \$1,	48 50
Squash, winter, 7¼ tons, at \$30,	237 00
Sleepers, 50, at \$0.25,	12 50
Tomatoes, ripe, 97 bushels, at \$0.75,	72 75
Tomatoes, green, 141½ bushels, at \$0.50,	70 75
Turnips, 153 barrels, at \$1.25,	191 25
Wood, 250 cords, at \$4.50,	1,125 00
Wool sold,	31 03
Manure, 730 cords, at \$6,	4,380 00
	<hr/>
	\$37,224 77

## GREENHOUSE PRODUCTS.

Asparagus, 3 boxes, at \$4.25,	\$12 75
Cauliflower, 30 boxes, at \$1,	30 00
Cucumbers, 2 boxes, at \$2,	4 00
Celery, 292 boxes, at \$0.85,	248 20
Lettuce, 75 $\frac{2}{3}$ boxes, at \$0.75,	57 75
Chickens, 159 pounds, at \$0.22,	34 98
Eggs, 306 dozen, at \$0.35,	107 10
Fowl, 287 pounds, at \$0.15,	43 05
Plums, 8 baskets, at \$0.30,	2 40
Spinach, 22 bushels, at \$0.35,	7 70
Strawberries, 323 quarts, at \$0.08,	25 84
Tomatoes, ripe, 64 bushels, at \$0.75,	48 00
Tomatoes, green, 30 $\frac{1}{2}$ bushels, at \$0.50,	15 25
Rhubarb, 25 pounds, at \$0.02,	50
Bulbs, plants, flowers, etc.,	4,476 00
	<hr/>
	\$5,113 52

## LIST OF PERSONS

REGULARLY EMPLOYED AT MONSON STATE HOSPITAL.

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Superintendent, per year, . . . . .	\$3,000 00
Assistant physician, per year, . . . . .	1,000 00
Assistant physician, per year, . . . . .	1,000 00
Assistant physician, per year, . . . . .	600 00
Pathologist, per year, . . . . .	1,000 00
Steward, per year, . . . . .	1,200 00
Engineer, per year, . . . . .	1,200 00
Clerk and treasurer, per year, . . . . .	1,000 00
Stenographer, per month, . . . . .	30 00
Clerks (2), per month, . . . . .	30 00
Supervisors (women, 2), per month, . . . . .	\$25 00-40 00
Assistant supervisor, per month, . . . . .	35 00
Supervisor (man), per month, . . . . .	50 00
Supervisor (man), per month, . . . . .	35 00
Assistant supervisors (men, 2), per month, . . . . .	\$35 00-37 00
Night nurses (women, 8), per month, . . . . .	20 00-30 00
Nurses (women, 25), per month, . . . . .	20 00-30 00
Night nurses (men, 8), per month, . . . . .	25 00-35 00
Nurses (men, 30), per month, . . . . .	25 00-35 00
Assistant engineer, per week, . . . . .	14 25
Assistant engineer, per month, . . . . .	35 00
Assistant engineers (2), per day, . . . . .	\$1 50-2 00
Firemen (3), per day, . . . . .	1 50-1 85
Baker, per month, . . . . .	60 00
Kitchen men (3), per month, . . . . .	\$25 00-30 00
Store assistants (3), per month, . . . . .	30 00-34 00-40 00

Cooks (5), per month, . . . . .	\$27 00-38 00
Assistant cooks (10), per month, . . . . .	18 00-20 00
Table girls (4), per month, . . . . .	18 00-20 00
Assistant seamstresses (5), per month, . . . . .	16 00-18 00
Laundress, per month, . . . . .	22 00
Assistant laundresses (5), per month, . . . . .	\$16 00-18 00
Farmer, per annum, . . . . .	900 00
Assistant farmers (18), per month, . . . . .	\$23 00-35 00
Head carpenter, per day, . . . . .	3 00
Assistant carpenters (2), per day, . . . . .	2 50
Painters (2), per day, . . . . .	\$2 25-2 50
Mason, per month, . . . . .	65 00



## TREASURER'S REPORT.

*To the Trustees of the Monson State Hospital.*

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1909: —

## CASH ACCOUNT.

Balance Dec. 1, 1908,	\$2,966 30
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*Receipts.**Institution Receipts.*

## Board of inmates: —

Private,	\$8,680 23
Reimbursements,	3,493 41
Cities and towns,	13,838 88
Soldiers' relief,	42 25

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\$26,054 77

## Sales: —

Food,	\$399 54
Clothing and materials,	243 03
Furnishings,	18 28
Repairs and improvements,	292 72
Miscellaneous,	25 50

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979 07

## Farm, stable and grounds: —

Cows and calves,	\$74 50
Hides,	13 08
Vegetables,	7 25
Use of teams,	4 00
Sundries,	176 39

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275 22

## Miscellaneous receipts: —

Interest on bank balances,	\$196 65
Sundries,	35 36

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232 01

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27,541 07

*Receipts from Treasury of Commonwealth.*

## Maintenance appropriations: —

Balance of 1908,	\$4,735 89
Advance money,	10,000 00
Approved schedules of 1909,	149,220 38

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163,956 27

Special appropriations,	34,566 56
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Total,	\$229,030 20
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*Payments.*

To treasury of Commonwealth, institution receipts,	\$27,541 07	
Maintenance appropriations: —		
Balance November schedule, 1908, . . . . .	7,942 19	
Eleven months' schedules, 1909, . . . . .	149,220 38	
November advances, . . . . .	8,160 19	
	<hr/>	\$192,863 83
Special appropriations: —		
Approved schedules (\$34,566.56, less advances		
of November, 1908, \$240), . . . . .	\$34,326 56	
November advances, . . . . .	727 53	
	<hr/>	35,054 09
Balance Nov. 30, 1909: —		
In bank, . . . . .	\$990 14	
In office, . . . . .	122 14	
	<hr/>	1,112 28
Total, . . . . .		<hr/> \$229,030 20

## MAINTENANCE.

Appropriation, . . . . .	\$161,200 00
Expenses (as analyzed below), . . . . .	161,200 00

*Analysis of Expenses.*

Salaries, wages and labor: —		
General administration, . . . . .	\$19,293 39	
Medical service, . . . . .	7,538 37	
Ward service (male), . . . . .	15,241 15	
Ward service (female), . . . . .	11,440 29	
Repairs and improvements, . . . . .	4,523 01	
Farm, stable and grounds, . . . . .	10,608 57	
	<hr/>	\$68,644 78
Food: —		
Butter, . . . . .	\$7,049 82	
Beans, . . . . .	271 70	
Bread and crackers, . . . . .	307 72	
Cereals, rice, meal, etc., . . . . .	1,866 59	
Cheese, . . . . .	114 43	
Eggs, . . . . .	2,876 91	
Flour, . . . . .	5,118 37	
Fish, . . . . .	1,582 78	
Fruit (dried and fresh), . . . . .	1,730 43	
Meats, . . . . .	10,884 38	
Milk, . . . . .	2 05	
Molasses and syrup, . . . . .	501 95	
Sugar, . . . . .	2,734 79	
Tea, coffee, bromo and cocoa, . . . . .	637 10	
Vegetables, . . . . .	4,175 32	
Sundries, . . . . .	1,638 73	
	<hr/>	41,493 07
Clothing and materials: —		
Boots, shoes and rubbers, . . . . .	\$652 43	
Clothing, . . . . .	1,028 13	
Dry goods for clothing and small wares, . . . . .	1,108 38	
	<hr/>	
Amounts carried forward, . . . . .	\$2,788 94	\$110,137 85

<i>Amounts brought forward,</i>	\$2,788 94	\$110,137 85
<i>Clothing and materials — Con.</i>		
Hats and caps,	50 38	
Leather and shoe findings,	777 51	
Sundries,	237 46	
		3,854 29
<i>Furnishings: —</i>		
Beds, bedding, table linen, etc.,	\$2,336 10	
Brushes, brooms,	352 47	
Carpets, rugs, etc.,	412 36	
Crockery, glassware, cutlery, etc.,	810 06	
Furniture and upholstery,	488 54	
Kitchen furnishings,	440 42	
Wooden ware, buckets, pails, etc.,	94 14	
Sundries,	136 80	
		5,070 89
<i>Heat, light and power: —</i>		
Coal,	\$8,722 45	
Wood,	8 25	
Gas,	64 80	
Oil,	405 39	
Sundries,	67 55	
		9,268 44
<i>Repairs and improvements: —</i>		
Brick,	\$138 00	
Cement, lime and plaster,	675 73	
Doors, sashes, etc.,	316 01	
Electrical work and supplies,	934 93	
Hardware,	624 36	
Lumber,	1,041 73	
Machinery, etc.,	187 21	
Paints, oil, glass, etc.,	1,281 99	
Plumbing, steam fitting and supplies,	3,121 30	
Roofing and materials,	607 58	
Sundries,	329 19	
		9,258 03
<i>Farm, stable and grounds: —</i>		
Blacksmith and supplies,	\$583 93	
Carriages, wagons, etc., and repairs,	440 82	
Fertilizers, vines, seeds, etc.,	624 73	
Hay, grain, etc.,	6,739 88	
Harnesses and repairs,	254 77	
Horses,	650 00	
Cows,	875 50	
Rent,	95 00	
Tools, farm machines, etc.,	781 86	
Sundries,	108 65	
		11,155 14
<i>Miscellaneous: —</i>		
Books, periodicals, etc.,	\$171 40	
Chapel services and entertainments,	1,446 74	
Freight, expressage and transportation,	928 81	
Funeral expenses,	282 25	
Gratuities,	52 66	
<i>Amounts carried forward,</i>	\$2,881 86	\$148,744 64

*Amounts brought forward,* . . . . \$2,881 86 \$148,744 14

Miscellaneous — *Con.*

Hose, etc., . . . . .	382 44	
Ice, . . . . .	267 26	
Medicines and hospital supplies, . . . . .	3,396 17	
Medical attendance, nurses, etc. (extra), . . . . .	70 00	
Manual training supplies, . . . . .	39 25	
Postage, . . . . .	360 35	
Printing and printing supplies, . . . . .	4 83	
Printing annual report, . . . . .	151 46	
Return of runaways, . . . . .	27 90	
Soap and laundry supplies, . . . . .	1,160 59	
Stationery and office supplies, . . . . .	699 91	
School books and school supplies, . . . . .	25 51	
Travel and expenses (officials), . . . . .	599 61	
Telephone and telegraph, . . . . .	158 80	
Tobacco, . . . . .	563 81	
Water, . . . . .	1,240 31	
Sundries, . . . . .	425 30	
		<hr/> 12,455 36
Total expenses for maintenance, . . . . .		<hr/> \$161,200 00

SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1908, . . . . .	\$10,057 83
Appropriations for fiscal year, . . . . .	123,000 00
	<hr/>
Total, . . . . .	\$133,057 83
Expended during the year (see statement annexed), . . . . .	34,566 56
	<hr/>
Balance Nov. 30, 1909, . . . . .	\$98,491 27

RESOURCES AND LIABILITIES.

*Resources.*

Cash on hand, . . . . .	\$1,112 28	
November cash vouchers (paid from advance money), . . . . .	8,887 72	
Due from treasury of Commonwealth account		
November, 1909, schedule, . . . . .	1,979 62	
	<hr/>	\$11,979 62

*Liabilities.*

Schedule of November bills, . . . . .	\$11,979 62
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*Special Appropriations.*

OBJECT.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Building and furnishings, . . . . .	Acts 1906, chap. 485,	\$80,000 00	\$334 72	\$80,000 00	—
Alterations, etc., . . . . .	Res. 1907, chap. 91,	3,400 00	659 92	3,226 95	\$173 05
Constructing silos, . . . . .	Res. 1907, chap. 91,	1,100 00	637 64	645 44	454 56
Building for male employees, . . . . .	Res. 1908, chap. 128,	5,900 00	2,721 41	5,659 11	240 89
Finishing room for female employees, . . . . .	Res. 1908, chap. 128,	3,900 00	69 00	200 01	3,699 99
Ensilage cutter and motor, . . . . .	Res. 1908, chap. 128,	850 00	550 00	850 00	—
Renewal of heating pipes, . . . . .	Res. 1908, chap. 128,	350 00	350 00	350 00	—
Bread oven, . . . . .	Res. 1908, chap. 128,	1,500 00	166 65	1,500 00	—
Constructing and furnishing two dormitories, . . . . .	Acts 1909, chap. 475,	84,000 00	17,695 85	17,695 85	66,304 15
Constructing and furnishing service building, . . . . .	Acts 1909, chap. 475,	34,000 00	10,341 02	10,341 02	23,658 98
Sewer, water and electric connections, . . . . .	Res. 1909, chap. 97,	5,000 00	1,040 35	1,040 35	3,959 65
		\$220,000 00	\$34,566 56	\$121,508 73	\$98,491 27

Respectfully submitted,

WALTER E. HATCH,

*Treasurer.*

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,

*Assistant Supervisor of Accounts.*

## VALUATION.

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Land, . . . . .	\$31,637 00
Buildings, . . . . .	505,416 89
Water and sewerage systems, . . . . .	41,843 62

### PERSONAL PROPERTY.

Provisions and groceries, . . . . .	3,894 17
Ready-made clothing, . . . . .	2,955 26

#### Dry goods:—

For clothing, . . . . .	1,750 22
For bedding, etc., . . . . .	154 48

#### Furnishings:—

Beds and bedding in inmates' department, . . . . .	20,097 05
Other furnishings in inmates' department, . . . . .	30,921 28
Personal property of state in superintendent's department, . . . . .	8,257 16
All other property, . . . . .	7,302 97

#### Heat, light and power:—

Fuel, . . . . .	2,040 16
All other property, . . . . .	1,123 00

#### Repairs and improvements:—

Machinery and mechanical fixtures, . . . . .	48,021 34
All other property, . . . . .	2,461 25

#### Farm, stable and grounds:—

Live stock on the farm, . . . . .	11,896 50
Produce of the farm on hand, . . . . .	9,526 28
Carriages and agricultural implements, . . . . .	7,365 70
All other property, . . . . .	2,554 65

#### Miscellaneous:—

Drugs and medicines, . . . . .	1,930 38
Tobacco, . . . . .	38 99
Library, . . . . .	1,150 00
Other supplies undistributed, . . . . .	4,251 04

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\$746,589 39

## NURSES' TRAINING SCHOOL FUND.

Balance on hand Dec. 1, 1908, . . . . .	\$385 54
Twelve months' receipts, . . . . .	607 03
	<hr/>
	\$992 57
Twelve months' payments, . . . . .	542 27
	<hr/>
Balance on hand Nov. 30, 1909, . . . . .	\$450 30

*Investment.*

Deposited in Palmer National Bank, . . . . .	\$23 58
Deposited in Palmer Savings Bank, . . . . .	363 04
Cash in office, . . . . .	63 68
	<hr/>
	\$450 30

## PATIENTS' MONEY.

Balance on hand Dec. 1, 1908, . . . . .	\$699 85
Twelve months' receipts, . . . . .	2,249 33
	<hr/>
	\$2,949 18
Twelve months' payments, . . . . .	2,298 20
	<hr/>
Balance on hand Nov. 30, 1909, . . . . .	\$650 98

*Investment.*

Deposited in Palmer National Bank, . . . . .	\$34 38
Deposited in Palmer Savings Bank, . . . . .	557 06
Cash in office, . . . . .	59 54
	<hr/>
	\$650 98





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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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# 1. — General Statistics for the Year.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the hospital Oct. 1, 1908,	199	151	350	181	155	336	380	306	686
Admitted within the year,	30	35	65	107	64	171	137	99	236
Viz.: by commitment,	23	13	36	86	40	126	109	53	162
by transfer,	1	17	18	—	—	—	1	17	18
from escape,	1	—	1	—	—	—	5	—	5
from visit,	5	5	10	17	24	41	22	29	51
Whole number of cases within year,	229	186	415	288	219	507	517	405	922
Dismissed during year,	64	22	86	85	56	141	149	78	227
Discharged,	6	3	9	31	23	54	37	26	63
as recovered,	—	—	—	—	—	—	—	—	—
as capable of self-support,	—	—	—	—	—	—	—	—	—
as improved,	6	3	9	18	21	39	24	24	48
as not improved,	—	—	—	13	2	15	13	2	15
Died,	14	16	30	15	13	28	29	29	58
Transferred,	40	1	41	—	1	1	40	2	42
Escaped,	1	—	1	2	—	2	3	—	3
On visit Oct. 1, 1909,	3	2	5	37	19	56	40	21	61
Patients remaining Sept. 30, 1909,	165	164	329	203	163	366	368	327	695
Viz.: State patients,	155	158	313	178	149	327	333	307	640
town patients,	—	—	—	—	—	—	—	—	—
private patients,	3	3	6	15	8	23	18	11	29
reimbursing patients,	7	3	10	10	6	16	17	9	26
Number of different persons within the year,	220	182	402	273	203	476	493	385	878
Number of different persons admitted,	26	32	58	94	48	142	120	80	200
Number of different persons admitted by commitment,	23	13	36	85	40	125	108	53	161
Number of different persons dismissed,	60	19	79	72	40	112	132	59	191
Number of different persons discharged capable of self-support,	—	—	—	—	—	—	—	—	—
Daily average number of patients,	186.00	165.92	351.92	193.65	157.81	351.46	379.65	323.73	703.38
Viz.: State patients,	176.03	156.24	332.27	147.67	128.56	276.23	323.70	284.80	608.50
town patients,	—	—	—	21.20	19.04	40.24	21.20	19.04	40.24
private patients,	3.42	3.00	6.42	17.29	7.32	24.61	20.71	10.32	31.03
reimbursing patients,	6.55	6.68	13.23	7.49	2.89	10.38	14.04	9.57	23.61

<sup>1</sup> Nominally admitted to discharge: insane: males, 12; females, 16; total, 28; totals, 35; males, 16; females, 19.

<sup>2</sup> One male admitted, discharged, readmitted as sane, died during year; 5 males, 1 female, total, 6, discharged as sane, readmitted as insane. Two males discharged as sane and readmitted as sane.

2. — Received on First and Subsequent Commitments.

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . . . .	23	12	35	74	37	111	97	49	146
Second to this hospital, . . . . .	—	2	2	8	3	11	8	5	13
Third to this hospital, . . . . .	—	—	—	2	—	2	2	—	2
Fourth to this hospital, . . . . .	—	—	—	2	—	2	2	—	2
Total cases, . . . . .	23	14	37	86	40	126	109	54	163
Total persons, . . . . .	23	14	37	85	40	125	108	54	162 <sup>1</sup>
First admitted to any hospital, . . . . .	22	10	32	70	37	107	92	47	139

<sup>1</sup> One man admitted, discharged, readmitted as sane.



3. — *Nativity and Parentage of Persons first admitted to Any Hospital.*

	INSANE.						SANE.						TOTALS.					
	MALES.			FEMALES.			MALES.			FEMALES.			MALES.			FEMALES.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	15	7	5	7	1	1	21	10	12	20	10	12	33	20	33	66	17	26
Other New England States,	-	2	2	1	1	1	5	3	2	4	4	2	1	7	4	2	13	7
Other States,	-	1	1	-	1	1	3	3	1	4	2	1	4	8	4	4	10	4
Total native,	15	10	8	8	3	3	29	15	15	28	15	15	44	85	44	72	40	37
Other countries: —																		
Azores,	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1
Canada,	2	6	6	-	2	3	12	9	11	4	9	11	23	11	23	9	18	18
England,	1	1	3	-	1	-	3	1	3	2	1	3	6	4	5	3	5	6
Finland,	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1
France,	1	1	1	-	-	-	-	-	-	-	-	-	3	-	-	1	1	1
Germany,	-	-	-	-	-	-	3	2	-	-	-	-	18	1	20	3	16	3
Ireland,	2	3	3	2	3	4	13	14	7	-	7	4	2	1	18	2	17	17
Italy,	1	1	1	-	1	-	2	2	-	-	-	-	1	-	1	1	3	3
Portugal,	-	-	-	-	-	-	1	1	-	-	-	-	1	-	1	1	1	1
Russia,	-	-	-	-	-	-	2	2	1	1	1	1	3	2	3	1	2	2
Scotland,	-	-	-	-	-	-	1	1	1	-	2	1	3	1	3	1	1	1
Sweden,	-	-	-	-	-	-	1	1	-	-	-	-	1	-	1	-	2	2
Wales,	-	-	-	-	-	-	1	1	-	-	-	-	1	-	1	-	1	1
Total foreign,	7	12	14	2	7	7	39	40	22	9	22	22	62	22	61	20	51	44
Unknown,	-	-	-	-	-	-	1	1	-	-	-	-	1	-	1	-	1	1
Totals,	22	22	22	10	10	10	70	70	37	37	37	37	107	107	107	92	92	92

## 4. — Residence of Persons admitted by Commitment.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —									
Bristol County, . . . . .	2	-	2	-	-	-	2	-	2
Hampden County, . . . . .	-	1	1	-	-	-	-	1	1
Suffolk County, . . . . .	10	6	16	-	3	3	10	9	19
Worcester County, . . . . .	2	1	3	-	-	-	2	1	3
Middlesex County, . . . . .	8	2	10	1	-	1	9	2	11
Totals, . . . . .	22	10	32	1	3	4	23	13	36
Cities or large towns (10,000 or over),	20	8	28	1	3	4	21	11	32
Country districts (under 10,000), . .	2	2	4	-	-	-	2	2	4
B. — Sane: —									
Barnstable County, . . . . .	1	1	2	-	-	-	1	1	2
Berkshire County, . . . . .	1	1	2	1	-	1	2	1	3
Bristol County, . . . . .	7	3	10	-	-	-	7	3	10
Essex County, . . . . .	3	6	9	1	-	1	4	6	10
Franklin County, . . . . .	2	-	2	-	-	-	2	-	2
Hampden County, . . . . .	3	4	7	2	-	2	5	4	9
Hampshire County, . . . . .	-	1	1	1	-	1	1	1	2
Middlesex County, . . . . .	14	5	19	2	-	2	16	5	21
Norfolk County, . . . . .	3	2	5	1	-	1	4	2	6
Plymouth County, . . . . .	2	1	3	1	1	2	3	2	5
Suffolk County, . . . . .	24	8	32	6	1	7	30	9	39
Worcester County, . . . . .	9	5	14	1	1	2	10	6	16
Totals, . . . . .	69	37	106	16	3	19	84	40	124
Cities or large towns (10,000 or over),	55	25	80	14	2	16	69	27	96
Country districts (under 10,000), . .	15	12	27	2	1	3	17	13	30

## 5. — Civil Condition of Persons first admitted to Any Hospital.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, . . . . .	18	9	27	55	31	86	73	40	113
Married, . . . . .	4	1	5	14	4	18	18	5	23
Widowed, . . . . .	-	-	-	1	1	2	1	1	2
Divorced, . . . . .	-	-	-	-	1	1	-	1	1
Totals, . . . . .	22	10	32	70	37	107	92	47	139

6. — *Occupation of Persons first admitted to Any Hospital.*

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Attendant, . . .	—	1	1	Plumber, . . .	—	1	1
Butcher, . . .	—	1	1	Salesman, . . .	—	1	1
Clerk, . . .	3	4	7	Shoemaker, . . .	1	3	4
Errand boy, . . .	—	1	1	Student, . . .	—	8	8
Glass grinder, . . .	—	1	1	Tool grinder, . . .	—	1	1
Hat maker, . . .	—	1	1	Upholsterer, . . .	1	—	1
Laborer, . . .	1	6	7	Watchman, . . .	—	2	2
Laundry employee, . . .	—	1	1	Weaver, . . .	—	1	1
Machinist, . . .	1	3	4	Woodworker, . . .	—	1	1
Mill operative, . . .	1	1	2	No occupation, . . .	14	30	44
Morocco dresser, . . .	—	1	1				
Porter, . . .	—	1	1	Totals, . . .	22	70	92

## FEMALES.

Bookkeeper, . . .	—	1	1	Shoe operative, . . .	—	2	2
Errand girl, . . .	1	—	1	Skate manufacturer, . . .	—	1	1
Domestic, . . .	2	1	3	Student, . . .	—	4	4
General Electric Com- pany, . . .	—	1	1	No occupation, . . .	7	20	27
Housewife, . . .	—	4	4				
Mill operative, . . .	—	3	3	Totals, . . .	10	37	47

## WIFE OR DAUGHTER OF —

Blacksmith, . . .	—	2	2	Music teacher, . . .	—	1	1
Carpenter, . . .	—	1	1	Painter, . . .	1	—	1
Chair maker, . . .	—	2	2	Plater, . . .	—	1	1
Concrete worker, . . .	—	1	1	Shipbuilder, . . .	—	1	1
Crockery dealer, . . .	—	1	1	Teamster, . . .	—	1	1
Druggist, . . .	—	1	1	Telegraph operator, . . .	—	1	1
Factory hand, . . .	—	1	1	Tool maker, . . .	—	1	1
Farmer, . . .	1	2	3	Weaver, . . .	—	1	1
Furniture dealer, . . .	1	—	1	Wine clerk, . . .	—	1	1
Gardener, . . .	—	1	1	Unknown, . . .	5	16	21
Liquor dealer, . . .	1	—	1				
Machinist, . . .	1	1	2	Totals, . . .	10	37	47

7. — Ages of Epileptics at First Attack, Admission and Death.

INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.			AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,												
15 years and less,												
From 15 to 20 years,	6	1	7	14	5	19	6	1	7	2	9	11
20 to 25 years,	2	5	7	2	5	7	4	1	5	6	1	7
25 to 30 years,	4	1	5	2	1	3	2	2	4	4	4	8
30 to 35 years,	2	2	4	1	1	2	2	1	3	1	1	2
35 to 40 years,	2	1	3	1	1	2	2	1	3	1	1	2
40 to 50 years,	1	1	2	1	1	2	1	1	2	1	1	2
50 to 60 years,	2	1	3	1	1	2	2	2	4	1	1	2
60 to 70 years,	1	1	2	1	1	2	1	1	2	1	1	2
70 to 80 years,	1	1	2	1	1	2	1	1	2	1	1	2
80 to 90 years,	1	1	2	1	1	2	1	1	2	1	1	2
Totals,	22	10	32	21	8	29	14	16	30	13	13	26
Unknown,				1	2	3	—	—	—	1	3	4
Total persons,	22	10	32	22	10	32	14	16	30	14	16	30
Mean known age,	25.00	23.75	24.60	17.85	12.18	16.29	32.32	31.71	32.00	20.38	14.61	17.50
										36.25	36.71	36.50





## 8. — Probable Causes of Epilepsy in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical: —												
Blow on head, . . .	1	—	1	—	—	—	—	—	—	—	—	—
Meningitis, . . .	—	1	1	—	—	—	—	—	—	—	—	—
Sunstroke, . . .	1	—	1	—	—	—	—	—	—	—	—	—
Totals, . . .	2	1	3	—	—	—	—	—	—	—	—	—
Unknown, . . .	20	9	29	1	1	2	2	1	3	8	1	9
Totals, . . .	22	10	32	1	1	2	2	1	3	8	1	9
<i>Sane.</i>												
Physical: —												
Blow on head, . . .	4	2	6	—	—	—	—	—	—	—	—	—
Cerebral hemor- rhage, . . .	1	1	2	—	—	—	—	—	—	—	—	—
Cut on head, . . .	1	—	1	—	—	—	—	—	—	—	—	—
Excessive use of alcohol, . . .	1	—	1	—	—	—	—	—	—	—	—	—
Fright, . . .	—	1	1	—	—	—	—	—	—	—	—	—
Gastritis, . . .	—	1	1	—	—	—	—	—	—	—	—	—
Irregular life and habits, . . .	1	—	1	—	—	—	—	—	—	—	—	—
Measles, . . .	1	—	1	—	—	—	—	—	—	—	—	—
Overeating, . . .	2	—	2	—	—	—	—	—	—	1	—	1
Overstudy, . . .	—	1	1	—	—	—	—	—	—	—	—	—
Rachitis, . . .	—	1	1	—	1	1	—	—	—	—	—	—
Sunstroke, . . .	—	1	1	—	—	—	—	—	—	—	—	—
Traumatism, . . .	1	—	1	—	—	—	—	—	—	—	—	—
Typhoid, . . .	1	—	1	1	—	1	—	—	—	—	—	—
Uremia, . . .	—	1	1	—	—	—	—	—	—	—	—	—
Totals, . . .	13	9	22	1	1	2	—	—	—	1	—	1
Unknown, . . .	57	28	85	2	—	2	—	—	—	2	—	2
Totals, . . .	70	37	107	3	1	4	—	—	—	3	—	3
Aggregates, . . .	15	10	25	1	1	2	—	—	—	1	—	1
Unknown, . . .	77	37	114	3	1	4	2	1	3	10	1	11
Aggregates, . . .	92	47	139	4	2	6	2	1	3	11	1	12

9. — *Probable Duration of Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.										TOTALS.	
	INSANE.					SANE.					Males.	Females.
	INSANITY.			EPILEPSY.		Males.	Females.	Totals.	Males.	Females.		
	Males.	Females.	Totals.	Males.	Females.							
Congenital, . . . . .	—	—	—	—	2	2	—	—	—	—	2	2
Under 1 month, . . . . .	22	10	32	—	—	—	1	2	3	1	2	2
From 1 to 3 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
1 to 2 years, . . . . .	—	—	—	—	—	—	8	2	10	8	2	10
2 to 5 years, . . . . .	—	—	—	1	—	1	4	3	7	5	3	8
5 to 10 years, . . . . .	—	—	—	4	—	4	18	7	25	22	7	29
10 to 20 years, . . . . .	—	—	—	5	2	7	24	10	34	29	12	41
Over 20 years, . . . . .	—	—	—	6	4	10	9	8	17	15	12	27
	—	—	—	4	2	6	2	5	7	6	7	13
Totals, . . . . .	22	10	32	20	10	30	66	37	103	86	47	133
Unknown, . . . . .	—	—	—	2	—	2	4	—	4	6	—	6
Totals, . . . . .	22	10	32	22	10	32	70	37	107	92	47	139
Average known duration in years, . . . . .	.0416	.0416	.0416	12.37	15.20	13.22	6.748	10.39	7.929	8.45	11.11	8.78

## 10. — Discharges, classified by Admission and Result as to Epilepsy, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	5	1	6	—	—	—	12	13	25	17	14	31
Second to this hospital, .	—	—	—	—	—	—	1	1	2	—	—	—	2	2	4	3	3	6
Third to this hospital, .	—	—	—	—	—	—	—	1	1	—	—	—	—	1	1	—	2	2
Total cases, .	—	—	—	—	—	—	6	3	9	—	—	—	14	16	30	20	19	39
Total persons, .	—	—	—	—	—	—	6	3	9	—	—	—	14	16	30	20	19	39
First admitted to any hospital, .	—	—	—	—	—	—	5	1	6	—	—	—	10	11	21	15	12	27
B. — Sane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	16	18	34	11	1	12	13	12	25	40	31	71
Second to this hospital, .	—	—	—	—	—	—	2	3	5	1	1	2	2	1	3	5	5	10
Third to this hospital, .	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1
Total cases, .	—	—	—	—	—	—	18	21	39	13	2	15	15	3	28	46	36	82
Total persons, .	—	—	—	—	—	—	18	21	39	13	2	15	14	3	27	45	36	81 <sup>1</sup>
First admitted to any hospital, .	—	—	—	—	—	—	16	17	33	10	2	12	12	12	24	38	31	69

<sup>1</sup> One man discharged as sane, readmitted as sane, died within year.



11. — *Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system:—									
Cerebral hemorrhage, . . . . .	—	1	1	1	2	3	1	3	4
Cerebral thrombosis, . . . . .	—	1	1	—	—	—	—	1	1
Epilepsy, . . . . .	—	6	6	1	3	4	1	9	10
Epileptic convulsion, . . . . .	—	1	1	1	—	1	1	1	2
Exhaustion from epilepsy, . . . . .	1	—	1	2	1	3	3	1	4
Status epilepticus, . . . . .	2	1	3	2	2	4	4	3	7
Softening of the brain, . . . . .	—	—	—	1	—	1	1	—	1
Respiratory system:—									
Hemorrhage from the lungs, . . . . .	1	—	1	—	—	—	1	—	1
Edema of the lungs, . . . . .	—	—	—	—	1	1	—	1	1
Edema, pulmonary, . . . . .	1	—	1	—	—	—	1	—	1
Edema, pulmonary, following apoplexy, . . . . .	—	1	1	—	—	—	—	1	1
Pneumonia, broncho, . . . . .	—	—	—	1	—	1	1	—	1
Pneumonia, lobar, . . . . .	—	1	1	1	—	1	1	1	2
Pneumonia, lobular, . . . . .	—	1	1	1	—	1	1	1	2
Tuberculosis, pulmonary, . . . . .	5	1	6	1	2	3	6	3	9
Circulatory system:—									
Acute dilatation of heart, . . . . .	1	—	1	—	—	—	1	—	1
Cardiac paralysis, . . . . .	1	—	1	—	—	—	1	—	1
Chronic endocarditis, . . . . .	1	—	1	—	—	—	1	—	1
Chronic myocarditis, . . . . .	1	—	1	—	—	—	1	—	1
Pericarditis, . . . . .	—	—	—	—	1	1	—	1	1
Genito-urinary system:—									
Interstitial nephritis, . . . . .	—	—	—	1	1	2	1	1	2
Uremia, . . . . .	—	—	—	1	—	1	1	—	1
General:—									
Diabetes mellitus, . . . . .	—	—	—	1	—	1	1	—	1
Asphyxia, . . . . .	—	1	1	—	—	—	—	1	1
Digestive system:—									
Acute dilatation of stomach, . . . . .	—	1	1	—	—	—	—	1	1
Totals, . . . . .	14	16	30	15	13	28	29	29	58

12. — Deaths, classified by Duration of Disease and Treatment.

INSANE.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.										
	DURATION BEFORE ADMISSION.					HOSPITAL RESIDENCE.			WHOLE DURATION OF ATTACK.					WHOLE KNOWN PERIOD OF DISEASE.					WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	INSANITY.		EPILEPSY.		Totals.	Males.	Females.	Totals.	INSANITY.		EPILEPSY.		INSANITY.		EPILEPSY.		Males.	Females.	Totals.		
	Males.	Females.	Males.	Females.					Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.						
Congenital,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Under 1 month,	10	10	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
From 1 to 3 months,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 to 6 months,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 to 12 months,	-	-	-	-	-	1	1	2	1	2	1	-	1	-	-	-	-	-	-	-	
1 to 2 years,	-	-	-	-	1	3	2	5	3	2	5	-	-	-	-	-	-	-	-	-	
2 to 5 years,	-	-	-	1	3	3	3	6	3	3	6	1	1	2	1	2	3	1	1	2	
5 to 10 years,	-	-	-	3	4	3	2	5	3	2	5	2	1	3	1	4	2	2	2	4	
10 to 20 years,	-	1	1	2	3	-	3	3	-	3	3	3	4	7	2	2	2	1	2	3	
Over 20 years,	-	-	-	3	6	-	-	-	-	-	-	3	3	6	-	-	4	2	6	-	
Totals,	10	11	21	8	16	10	11	21	10	11	21	10	9	19	4	5	9	4	5	9	
Unknown,	-	-	-	2	3	5	-	-	-	-	-	-	2	2	-	-	-	1	1	-	
Totals,	10	11	21	10	21	10	11	21	10	11	21	10	11	21	4	5	9	4	5	9	
Average of known cases (in months),	.5	16.81	9.04	136.50	151.50	144	45.90	81	64.28	45.90	81	64.28	150	165.77	157.47	78	106.80	240	210	225	
																		100.50	116.40	109.33	

SANE.

Congenital,	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Under 1 month,	.	.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
From 1 to 3 months,	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 to 6 months,	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 to 12 months,	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
1 to 2 years,	.	.	-	-	-	1	2	3	-	2	2	-	-	-	-	-	-	-	-
2 to 5 years,	.	.	-	-	-	-	1	1	4	6	10	-	-	-	-	-	-	-	1
5 to 10 years,	.	.	-	-	-	1	3	4	4	2	6	-	-	-	-	-	-	1	2
10 to 20 years,	.	.	-	-	-	4	3	7	-	-	-	-	-	-	-	-	-	-	-
Over 20 years,	.	.	-	-	-	6	3	9	-	-	-	-	-	-	-	-	-	-	-
Totals,	.	.	-	-	-	12	12	24	12	12	24	-	-	-	-	-	-	3	1
Unknown,	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals,	.	.	-	-	-	12	12	24	12	12	24	-	-	-	-	-	-	3	1
Average of known cases (in months),	.	.	-	-	-	189.00	134	161.50	46.29	40.50	43.39	-	-	-	-	-	-	33	42
			-	-	-	-	-	-	-	-	-	207.50	145.50	176.50	-	-	-	165	35.25









REPORT OF THE TRUSTEES

OF THE

MONSON STATE HOSPITAL

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE

YEAR ENDING NOVEMBER 30, 1910.



BOSTON:  
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# OFFICERS

## OF THE

# MONSON STATE HOSPITAL.

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### TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	BOSTON.
MABEL W. STEDMAN,	BROOKLINE.
HENRY P. JAQUES, M.D.,	LENOX.
WALTER W. SCOFIELD, M.D.,	DALTON.
MARY P. TOWNSLEY, <i>Secretary</i> ,	SPRINGFIELD.
JOHN BAPST BLAKE, M.D.,	BOSTON.
EDWARD P. BAGG,	HOLYOKE.

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### RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	<i>Superintendent.</i>
MORGAN B. HODSKINS, M.D.,	<i>Assistant Physician.</i>
ALDEN V. COOPER, M.D.,	<i>Assistant Physician.</i>
FREDERICK W. GUILD, M.D.,	<i>Assistant Physician.</i>
EDMUND S. DOUGLASS, M.D.,	<i>Assistant Physician.</i>
AMY C. CLIFTON,	<i>Assistant Superintendent and Matron.</i>
LELAND B. ALFORD,	<i>Research Officer.</i>
CHARLES F. SIMONDS,	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	<i>Engineer.</i>

---

WALTER E. HATCH,	<i>Clerk and Treasurer.</i>
FLORENCE H. DANIELSON,	<i>Field Worker.</i>

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### NON-RESIDENT OFFICERS.

DR. E. G. BRACKETT,	<i>Consulting Orthopedic Surgeon.</i>
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# The Commonwealth of Massachusetts.

## TRUSTEES' REPORT.

*To His Excellency the Governor and the Honorable Council.*

In accordance with chapter 211 of the Acts of 1905 the trustees of the Monson State Hospital respectfully present their annual report.

Through the reappointment of Dr. W. N. Bullard, in July, 1910, the Board of Trustees remains unchanged.

Certain changes, however, occurred among the officers of the hospital. Dr. Edward A. Kennedy, second assistant physician, resigned in June, 1910, and his place was filled by the promotion of Dr. Alden V. Cooper. This left a vacancy on the staff, which was filled by the appointment of Dr. Edmund S. Douglass as fourth assistant physician.

Dr. Annie E. Taft, the research officer (and we believe the first female research officer in the State), resigned on Aug. 1, 1910, for the purpose of further study in Europe. Her place has been filled by the appointment of Mr. Leland B. Alford.

Dr. Morgan B. Hodskins, first assistant physician, returned from leave of absence for vacation and study in Europe, and filled the place of acting superintendent during the summer months.

In April, 1910, Miss Amy C. Clifton was appointed assistant superintendent, to take charge of the children's colony soon to be opened.

The appropriations for the past year, in addition to the appropriation for current expenses, were:—

For the extension of the sewerage system, . . . . .	\$6,000
For the purchase of a small pasture adjoining land at present the property of the hospital, . . . . .	740
For the construction of an employees' cottage, . . . . .	2,000

This latter sum was an addition to money in the possession of the hospital which could be applied to this purpose.

During the past year much work has been accomplished. The buildings of the children's colony, three in number, an administration building and two dormitories, to provide for 150 patients, have been built and furnished, and patients are now being admitted to these buildings. Miss Clifton, the assistant superintendent, lives in the central building, and has full charge of the colony, except the medical work, under the direction of the superintendent.

The foundations of the new employees' cottage have been laid, and the building itself is well under way.

The apparatus for the evaporation of fruit has been installed and does excellent work.

A hot-air furnace was put in at Farm cottage last spring and is of much service.

Arrangements have been made with the town of Monson for the continuation of the macadamizing of the road to Palmer.

In recompense for damage done to the hospital land through fire caused by a locomotive, the sum of \$750 has been received.

The trustees have voted to ask for the following appropriations this year:—

For an extension of the laundry and suitable machinery therefor,	\$15,000
For an extension of our present dining hall building in such manner as to provide suitable dining rooms for the nurses, attendants and other employees separate from the patients, and to accommodate a larger number of patients,	25,000
To enlarge the refrigerating facilities and to fireproof certain floors,	3,000
Total,	\$43,000

The trustees feel that the time has now arrived when a definite future policy for the hospital must be carefully considered. One of the first questions to be discussed and to be *provisionally* settled is that of the proper number of patients who should be eventually cared for in this institution. The limit of patients in any such hospital as this must be determined provisionally from two standpoints: first, that of the general advisability of size, care of patients, etc., for institutions of this special class; secondly, from the point of view of the special circumstances and conditions of the particular institution under consideration. The



determination of questions of this character lies at the root of our present action. It would be manifestly unwise to ask for provision for power or for heat or light for 2,000 patients if it were considered advisable that the hospital should never contain more than 1,500. While the converse is also true, that is, if 2,000 is the proper number of patients for the institution eventually to care for, it may be a distinct saving to prepare early for the power, heat and light sufficient for this number, rather than to make numerous additions and extensions to plants already in existence, or to be obliged to build new ones, thus increasing the ultimate cost.

In close connection with this question is that of the kind of patients to be received, and the trustees feel that the time has now arrived when the limitations in age now existing by law should be removed. The establishment of the children's colony enables the trustees to make suitable provision for children of any age, and it seems only appropriate that the hospital should take the class most amenable to treatment and offering the strongest prospect of recovery. It will be of great advantage to the community that those afflicted with epilepsy should be adequately cared for from the earliest possible age by experts, so that if a cure is possible all available means may be taken to secure it, and if a cure is not possible, the child should be placed in the best condition mentally and physically to bear its burden. The hospital, moreover, should in justice have the opportunity of examining and treating its patients as early as is practicable after the onset of the disease. While ready to take patients at any stage of illness, it is much less beneficial to the patient and less satisfactory to the trustees to have patients admitted at a time in their illness when treatment can be of little or no avail.

For these reasons the trustees recommend that so much of the Acts of 1909, sections 57 and 58, chapter 504, as refers to a limit from age be stricken out and removed, and that no age limit be placed on patients admitted to this hospital.

The hospital has, during the past year, been striving to do its duty to the public in the matter of study and research in epilepsy. For this purpose it has engaged actively in the work of increasing its specialist library, both by buying, and, where possible, by encouraging gifts of books of this character.

The research officer, Dr. Taft, has performed some valuable

and important investigations in our laboratory in regard to the nature of epilepsy. Some of these have been and some are to be published. They are as follows:—

Lesions of the Major Trunk Viscera in Epileptics.

Brief Outlines of Observations made with Guinea Pigs.

Outline of Report of Study of Brown-Sequard Epilepsy in the Guinea Pig.

Brown-Sequard Study in Inheritance.

Through the kindness of the American Breeders' Association, the hospital has been enabled to employ a field worker on the heredity of epilepsy. Since October 1 Miss Florence Danielson, who has received special training for this work, has been at the service of the hospital. Her salary is paid by the association, while the hospital provides traveling expenses and board and lodging while she is with us.

It need scarcely be said that this is a very advantageous arrangement for us, and that the public is receiving a valuable gift from this association, to whom the trustees herewith transmit their thanks.

The great importance of the determination of heredity in epilepsy is well known to experts, but its bearing is not always fully comprehended by those who have no special acquaintance with these subjects. On the settlement of the laws of heredity in this disease depends primarily, in large part, the success of our efforts in prevention. Until we know when and where to expect its occurrence, under what circumstances and conditions it is liable to "spontaneously" appear, our best efforts to curb and prevent it must necessarily fall far short of those theoretically possible.

In concluding this report the trustees desire to give their thanks to Dr. E. G. Brackett of Boston for his very valuable services in orthopedic surgery, and to Dr. Walter R. Weiser of Springfield for services in surgery.

WILLIAM N. BULLARD, *Chairman.*

*For the Trustees.*



## SUPERINTENDENT'S REPORT.

---

*To the Trustees of the Monson State Hospital.*

I hereby submit my annual report for the year ending Nov. 30, 1910.

The routine of our daily work has fortunately not been interrupted during the year by unusual occurrences. Our effort has been to keep each detail up to its standard. This is no small undertaking. Many lines of work and treatment are started, but to keep the thread of each and to be sure that none is neglected require constant vigilance on the part of the head of each department. Our first work is for the patient. To treat each case as individually as the time will allow, to attend to all the items of care and treatment, suitable clothing and work adapted from day to day to the condition of each case (a very varying responsibility), require much attention, constantly applied. The instructions due to the persons employed to carry out the detail work form a very decided responsibility. To do justice to the sometimes mistaken patient and equally to look after the side of the faithful though mistaken attendant give ample bodily and mental exercise to your officers. The feature of meeting and pleasing the visiting relation is also to be considered as a pressing and ever present duty, — one that helps more than anything else to keep our work right in the eye of the public. With all these and other varied duties, many of which cannot be anticipated or described, we have still to make room for such work as comes in connection with enlargement of buildings, increase of numbers, medically keeping up with the times and a score of duties not easy to enumerate. I think that I may report that in the main these points have been observed and each given its due weight so far as the ability of your medical staff and other employees has been competent. We may at least report that we are alive to the responsibility imposed upon us, and that defects are due to our limitations rather than to our inactivity.

Our whole number of patients has so increased that much work has been done in connection with the quarters for these new cases. There have also been the usual improvements where these were most necessary on the grounds and in the buildings. We have been able to assist the town officers in adding to the macadam road toward Palmer. Another year of this work will probably see the road extended to the bridge. Work of this sort is an actual economy, as our teaming is so much less expensive over a good road.

We have added six lights to our street equipment. They are necessary additions to our illumination of the grounds adjacent to our buildings, but serve a very useful purpose for the townspeople who pass this way. It appears that our efforts in this direction are appreciated by our neighbors.

Three dormer windows have been added to the farm group buildings, making the chambers better lighted and aired and adding to the comfort of the employees who are housed there.

The use of the fruit evaporator has been a feature of much interest and profit. We are able to quickly dry any fruit or vegetable when it shows softening. The windfall apples and other early fruit are thus saved, and none need be lost by decay.

The advantage derived from the pump which was installed at the ice pond has been marked. It has supplied the laundry with water during the dry season. The regular water supply has been ample for all other purposes.

We have built in recent years almost wholly for the accommodation of patients, and now need to add to our service facilities. I therefore recommend that you make provision for the following:—

1. An appropriation of \$3,000 for enlarging the store refrigerator and for fireproofing the floor of the machine shop.
2. An appropriation of \$15,000 for an extension of the laundry and additional machinery.
3. An appropriation of \$25,000 for an extension of our dining-room facilities.

There are several other rather pressing needs apparent, but they must of necessity wait for action at some later date.

Mr. Leland B. Alford was appointed pathologist Aug. 7, 1910. A report of his plan of work is briefly outlined.



He has continued the study of Brown-Sequard epilepsy in guinea pigs, begun by Dr. Taft in the endeavor to demonstrate its relation to human epilepsy, and possibly, by comparing the condition in man with that in the animal, to gain some light on the disease in the human being. But whereas Dr. Taft did her work along the line of transmission of the condition from parent to offspring, and the effect on the nutrition and reproductive functions, Mr. Alford is making a study of the nature of the condition itself; the ways in which it may be produced; the means by which it may be prevented; its relation to the nervous system anatomically and physiologically, and the correspondence with certain other reflex conditions also seen in the guinea pig, as, for instance, the normal scratch reflex, the anæsthetic scratch reflex and the scratching reflex that sometimes follows injury to the head.

Aside from this, certain pathological work on the cases that come to autopsy is being done. This consists of an intense study of some unusual cases and the routine histological examination of all cases.

The introduction of accounts which will indicate clearly the expense of maintaining each separate ward and department is now completed and will be of much service.

The continuation of the work of collecting a library on epilepsy has been a special care. The library now consists of 91 books and 260 subjects. Number of subjects on the list to be searched out and placed on shelves, 73.

An account of the medical conference held here February 11 has been printed, and the plans for a similar conference this winter, with the probability of making the subject of inheritance the main feature, are under way. This will be announced in due time.

The appointment of Miss Danielson as a field worker under the patronage of the American Breeders' Association we have arranged with Dr. Charles B. Davenport of Cold Spring Harbor, N. Y., secretary of the committee on eugenics. The work briefly outlined is as follows:—

Miss Danielson visits the families of our patients in selected cases and follows from one to another until she has obtained a very complete pedigree of a given family. A sufficient period

has not yet elapsed to obtain a large number, but the effort has been to make a thorough work of a few families. Results can only be looked for in the future, but certainly the indications are that much good can be done. The families themselves will be benefited; the institution will have more complete records of the cases, and that at a very moderate cost to the institution. We shall be able to furnish facts to the proper authorities as to where degenerates are more likely to breed within the State borders. A further result of the work will very likely be an extension of this same line of inquiry under a more central authority, and the co-operation of certain other institutions in accordance with a mature and broadened plan.

The practical issue of this kind of work, systematized and extended, seems likely to tend to the illumination of the sequestered foci of degeneration, crime and peculiarities, publicity and consequent outflow of some individuals, and an attenuation of the taint. Much practical good and even a diminished ratio of degenerates seem within the range of possibility.

A sample of carving done by patient and photographs of the buildings, etc., have been sent to an educational exhibit of the work done in colonies for epileptics by the Teachers' College of Columbia University.

Changes have been made in faucets so that persons can drink without using a common drinking cup. Extra precautions have also been taken with the hot-water faucets, to avoid accidents.

Post-mortem examinations have been made on 20 cases during the current year.

#### CLERGYMEN WHO HAVE HELD SERVICE.

Rev. George A. Andrews.  
Rev. Francis S. Brewer.  
Rev. Abram Conklin.  
Rev. Francis W. Gibbs.  
Rev. Charles Hill.

Rev. William Hart.  
Dr. J. S. Lemon.  
Rev. H. W. Smith.  
Rev. Charles W. Williams.

#### AMUSEMENTS.

Dances, 54; masquerade, 1; moving pictures, 7; excursions to lake, 28; excursions to fair, 2; dancing school, 21; physical culture class, 13; entertainments, 3; baseball games, 32; rides, 2.



## GIFTS.

NAME.	Place.	Article.
Mrs. Brainerd, . . . .	Palmer, . . . .	Toys, books, etc.
Mr. Robert Power, . . . .	Fall River, . . . .	Clothing.
T. W. Main, . . . .	Springfield, . . . .	Colliers' Weekly for 1909.
Dr. W. N. Bullard, . . . .	Boston, . . . .	Boston Medical and Surgical Journal for 1909.
Mrs. Pease, . . . .	Monson, . . . .	Magazines.
Edwin Wilcock, . . . .	Brookline, . . . .	One driving horse.
Rev. Abram Conklin, . . . .	Monson, . . . .	Magazines, books for children.
Mr. Ezekiel, . . . .	Palmer, . . . .	Magazines.
Mrs. M. Kenney, . . . .	Dorchester, . . . .	Clothing,
Mrs. H. Bowman, . . . .	Springfield, . . . .	Magazines.
D. E. Marcy, . . . .	Palmer, . . . .	Magazines.
Rev. Fr. Hart, . . . .	Palmer, . . . .	Magazines.
Mr. John Ryan, . . . .	Springfield, . . . .	"Eccheverria on Epilepsy."
Mrs. E. N. Timmins, . . . .	Roxbury, . . . .	Two bureau scarfs, doilies, etc.
Mr. Edward E. Morgan, . . . .	Auburndale, . . . .	Chair, chiffonier, table.

*Table showing Patients employed and in what Way.*

	Men.	Women.
Administration building, . . . . .	—	5
Bakery, . . . . .	6	—
Barn, . . . . .	13	—
Carpenter, . . . . .	1	—
Dining room, . . . . .	29	25
Employees' cottage, . . . . .	1	3
Engineer's department, . . . . .	2	—
Farm, . . . . .	16	—
Garden, . . . . .	4	—
Greenhouse, . . . . .	5	—
Industrial building, . . . . .	18	—
Kitchen, . . . . .	18	29
Laundry, . . . . .	13	72
Mason, . . . . .	2	—
Nurses' home, . . . . .	—	4
On roads, . . . . .	38	—
Painter, . . . . .	6	—
School, . . . . .	15	30
Sewing room, . . . . .	—	39
Store, . . . . .	3	—
Ward work, . . . . .	153	104
With yard man, . . . . .	14	—

## OPERATIONS.

Appendicectomy, . . . . .	5	Hemorrhoids, . . . . .	1
Castration, . . . . .	1	Ovariectomy, . . . . .	8
Circumcision, . . . . .	12	Salpingotomy, . . . . .	2
Curettage, . . . . .	16	Tonsillotomy, . . . . .	13
Tenotomy of eye muscle, . . . . .	5	Vasectomy, . . . . .	15

*List of Graduates.*

NAMES.	Class.	Occupation.	Address.
Fannie C. Cronin, . . . . .	1901	Monson State Hospital, supervisor,	Palmer.
Mary E. Kilduff, . . . . .	1901	Private nursing, . . . . .	Springfield.
Emma S. McKeever, . . . . .	1901	Matron at State Farm, . . . . .	State Farm.
Julia O'Brien, . . . . .	1901	Private nursing, . . . . .	22 Kenilworth Street, Roxbury.
Edith E. Townsend, . . . . .	1901	Married, . . . . .	Bragville, Me.
Carroll W. Briggs, . . . . .	1902	Boston City Hospital, . . . . .	Boston.
A. M. D. Manwarring, . . . . .	1902	- - -	Averill Park, N. Y.
Edwin S. Manwarring, . . . . .	1902	- - -	Averill Park, N. Y.
James L. McKeever, . . . . .	1902	State Farm, . . . . .	State Farm.
Walter L. McKeever, . . . . .	1902	- - -	Middletown, Conn.
Hattie Edith Rowe, . . . . .	1902	- - -	Georgetown, Me.
Alice B. Smith, . . . . .	1902	Bookkeeping, . . . . .	Medford.
Marguerite Casey, . . . . .	1903	Private nursing, . . . . .	Burlington, Vt.
Catherine Daley, . . . . .	1903	Connecticut Hospital for Insane, . . . . .	Middletown, Conn.
Georgia A. Nute, . . . . .	1903	Stamford Hall, . . . . .	Stamford, Conn.
George J. Flint, . . . . .	1903	Motorman, . . . . .	Palmer, Mass.
Mae D. Brown, . . . . .	1905	Private nursing, . . . . .	Portland, Me.
Annie A. Caldwell, . . . . .	1905	Private nursing, . . . . .	Springfield.
Louis A. Fontaine, . . . . .	1905	- - -	Palmer.
Frank L. Morway, . . . . .	1905	Apothecary at Monson State Hos- pital.	Palmer.
Christine McClellan, . . . . .	1906	Married, . . . . .	Prince Edward Island.
Lutie F. Campbell, . . . . .	1907	Assistant supervisor, Monson State Hospital.	Palmer.
Theresa A. Brown, . . . . .	1907	Private nursing, . . . . .	Portland, Me.
Mary G. Hancock, . . . . .	1907	Private nursing, . . . . .	Holyoke.
Mrs. Anna Woodward, . . . . .	1907	Private nursing, . . . . .	Syracuse, N. Y.
Elizabeth McCarthy, . . . . .	1907	Assistant supervisor, Monson State Hospital.	Palmer.
Samuel E. Chase, . . . . .	1907	Brattleboro Retreat, nurse, . . . . .	Brattleboro, Vt.
William L. Paine, . . . . .	1907	Monson State Hospital, nurse, . . . . .	Palmer.
Edith M. Brooks, . . . . .	1908	Private nursing, . . . . .	Watertown, N. Y.
Eva G. Caldwell, . . . . .	1908	Private nursing, . . . . .	Woodstock, N. B.

*List of Graduates — Concluded.*

NAMES.	Class.	Occupation.	Address.
Mary J. Caldwell, .	1908	Private nursing, . . . . .	Springfield.
Susan E. Crumb, .	1908	Private nursing, . . . . .	Watertown, N. Y.
Daisy I. Dowling, .	1908	Private nursing, . . . . .	Brockton.
Olla G. Dowling, .	1908	Private nursing, . . . . .	Brockton.
Dora L. Jaques, .	1908	Private nursing, . . . . .	Presque Isle, Me.
Agnes M. Millen, .	1908	Private nursing, . . . . .	Syracuse, N. Y.
Anna L. Millen, .	1908	Private nursing, . . . . .	Salem, Mass.
Katherine C. Murray, .	1908	Married, . . . . .	Dorchester.
Mae I. Perkins, .	1908	Married, . . . . .	Palmer.
Nellie F. Brown, .	1909	Married, . . . . .	Moosup, Conn.
Mary S. Campbell, .	1909	Private nursing, . . . . .	Palmer.
Katherine Donovan, .	1909	Private nursing, . . . . .	New York City.
Ermina E. Drennan, .	1909	Private nursing, . . . . .	Philadelphia, Pa.
Ruth C. Clark, .	1910	Private nursing, . . . . .	Worcester.
S. Helen Dickinson, .	1910	Private nursing, . . . . .	Boston.
Alma T. Gray, .	1910	Soldiers' Home, nurse, . . . . .	Togus, Me.
Cora M. Graham, .	1910	Long Island Hospital, nurse, .	New York.
Ida H. Graham, .	1910	Monson State Hospital, nurse, .	Palmer.
Bertha S. Hall (Mrs.),	1910	Pierce Farm, . . . . .	Mattapan.
Mary L. Hains, .	1910	Married, . . . . .	Great Barrington.
Maybel M. Jamieson, .	1910	Private nursing, . . . . .	New York City.
Katherine F. Knight,	1910	St. Mary's Hospital, nurse, .	Dorchester.
Annie L. Mackay, .	1910	Soldiers' Home, nurse, . . . . .	Togus, Me.
Margarette S. Macrae,	1910	Married, . . . . .	Hopewell Junction, N. Y.

The nurses have worked away from the hospital 99¾ days.

Respectfully submitted,

EVERETT FLOOD,  
*Superintendent.*

## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

1. The regular insane commitment, such as is used at the insane hospital.

2. Two forms of commitment: (a) voluntary admission for persons over ten years of age, requiring the certificate of one doctor, and the doctor's certificate must be certified by a justice; (b) commitment for those who are considered dangerous epileptics, but not otherwise insane.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than 1 mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London Northern division of the Central Vermont. The Ware River branch of the Boston & Albany railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.90.



## ARTICLES MADE AND REPAIRED IN THE SEWING ROOMS.

MADE.			
Aprons, . . . . .	326	Petticoats, . . . . .	34
Bibs, . . . . .	180	Piano cover, . . . . .	1
Bureau scarfs, . . . . .	55	Pillow slips, . . . . .	78
Bean bags, . . . . .	10	Operating gowns, . . . . .	4
Bathing aprons, . . . . .	4	Rubber pants (pairs), . . . . .	8
Bread covers, . . . . .	2	Rugs, . . . . .	24
Corset covers, . . . . .	19	Rubber pillows, . . . . .	2
Chemises, . . . . .	100	Rubber pillow covers, . . . . .	4
Coats, . . . . .	40	Rompers (pairs), . . . . .	36
Covering for steam pipe, . . . . .	1	Shirts, . . . . .	12
Caps for bathing, . . . . .	25	Skirts, . . . . .	8
Curtains: —		Shirt waists, . . . . .	23
Long muslin (pairs), . . . . .	9	Stockings (pairs), . . . . .	2
Sash (pairs), . . . . .	25	Shirt-waist suits, . . . . .	7
For bookcase, . . . . .	3	Suits, . . . . .	6
For bakery, . . . . .	1	Sheets, . . . . .	24
Clothes-pin bag, . . . . .	1	Sofa pillows, . . . . .	3
Dresses, . . . . .	538	Stand covers, . . . . .	82
Drawers (pairs), . . . . .	17	Suspenders (pairs), . . . . .	99
Dressing sacks, . . . . .	2	Sawdust bags, . . . . .	14
Dispensary aprons, . . . . .	24	Trousers (pairs), . . . . .	37
Garters, . . . . .	297	Towels, . . . . .	1,440
Holders, . . . . .	24	Table cloths, . . . . .	150
Ironing-board covers, . . . . .	12	Ticks, — . . . . .	5
Jumpers, . . . . .	9	Table cushion cover, . . . . .	1
Kimono, . . . . .	1	Tea bags, . . . . .	4
Laundry bags, . . . . .	38	Vests, . . . . .	43
Mittens (pairs), . . . . .	223		
Mattress covers, . . . . .	29	REPAIRED.	
Muslin straps, . . . . .	6	Aprons, . . . . .	188
Night dresses, . . . . .	259	Bibs, . . . . .	36
Night shirts, . . . . .	139	Blankets, . . . . .	64
Napkins, . . . . .	12	Blouses, . . . . .	38
Overalls (pairs), . . . . .	139	Barber sheets, . . . . .	2
Overalls for bakers (pairs), . . . . .	4	Bedspreads, . . . . .	44
		Bath robes, . . . . .	5

Corset covers, . . . . .	92	Pajamas (suits), . . . . .	10
Corsets, . . . . .	8	Portiere, . . . . .	1
Chemises, . . . . .	74	Rompers (suits), . . . . .	77
Coats, . . . . .	717	Rugs, . . . . .	7
Clothes bags, . . . . .	20	Shirts, . . . . .	1,122
Curtains (pairs), . . . . .	16	Stockings (pairs), . . . . .	4,300
Curtains, roller, . . . . .	2	Shirt waists, . . . . .	19
Dresses, . . . . .	643	Skirts, . . . . .	14
Drawers, . . . . .	889	Sweaters, . . . . .	7
Flag, . . . . .	1	Shawl, . . . . .	1
Jumpers, . . . . .	49	Sheets, . . . . .	4
Laundry bags, . . . . .	171	Suspenders (pair), . . . . .	1
Mittens (pairs), . . . . .	6	Trousers (pairs), . . . . .	804
Mattress covers, . . . . .	16	Table cloths, . . . . .	7
Man's suit, . . . . .	1	Table cover, . . . . .	1
Night dresses, . . . . .	748	Ticks, . . . . .	6
Overalls (pairs), . . . . .	347	Towels, . . . . .	4
Petticoats, . . . . .	311	Union suits, . . . . .	2
Pillow slips, . . . . .	42	Vests, . . . . .	94

## ARTICLES MADE AND REPAIRED ON THE WARDS.

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Aprons, . . . . .	26	Laundry bags, . . . . .	3
Bibs, . . . . .	123	Mattress covers, . . . . .	55
Blanket, . . . . .	1	Night slips, . . . . .	6
Bedspread, . . . . .	1	Pillow slips, . . . . .	10
Coats, . . . . .	239	Shirts, . . . . .	863
Drawers, . . . . .	218	Suspenders, . . . . .	81
Garters (pairs), . . . . .	11	Trousers, . . . . .	560
Hose, . . . . .	5	Union suits, . . . . .	6
Hay ticks, . . . . .	12	Vests, . . . . .	16

## WORK DONE IN THE INDUSTRIAL ROOM.

ARTICLES CARVED.		REPAIRED.	
Door signs, . . . . .	14	Ankle braces, . . . . .	2
Numbers, . . . . .	96	Base balls, . . . . .	3
CUT.		Base-ball gloves, . . . . .	4
Coats, . . . . .	55	Base-ball bases, . . . . .	3
Mittens (pairs), . . . . .	372	Belts, . . . . .	6
Overalls, men's (pairs), . . . . .	129	Camp stools, . . . . .	10
Trousers (pairs), . . . . .	66	Chairs, . . . . .	6
Vests, . . . . .	49	Curry combs, . . . . .	2
MADE.		Laundry baskets, . . . . .	12
Cemetery head marks, . . . . .	4	Leather cases for clocks, . . . . .	2
Coat hangers, . . . . .	155	Piano stool, . . . . .	1
Envelopes, large: —		Rugs, . . . . .	22
For office, . . . . .	1,480	Screens, . . . . .	3
For pills, . . . . .	4,800	Shoes, . . . . .	1,532
Mattresses, made over, . . . . .	323	Stretcher, . . . . .	1
Moccasins, men's (pairs), . . . . .	10	Suspenders (pairs), . . . . .	9
Pillows made over, . . . . .	510	Trunk strap, . . . . .	1
Rugs: —		Umbrellas, . . . . .	82
Fancy, . . . . .	1	RESEATED.	
Rope, . . . . .	45	Chairs, . . . . .	71
Shoes: —		SEWED.	
Men's (pairs), . . . . .	220	Mangle aprons, . . . . .	5
Women's (pairs), . . . . .	18	UPHOLSTERED.	
Slippers, men's (pairs), . . . . .	298	Barber chairs, . . . . .	4
MARKED.		Couch, . . . . .	1
Shoes (pairs), . . . . .	143	Rocker, . . . . .	1
PRINTED.			
Blanks, . . . . .	66,100		
Copies of essays and lectures, . . . . .	1,650		
Envelopes, . . . . .	4,225		
Names, . . . . .	136		
Programs, . . . . .	3,700		



## FARM PRODUCTS.

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Apples, eating, 447 $\frac{1}{2}$ barrels, at \$3,	\$1,341 60
Apples, cider, 823 bushels, at \$0.10,	82 29
Apples, crab, 15 $\frac{3}{4}$ bushels, at \$0.75,	11 81
Beans, shell, 165 $\frac{1}{4}$ bushels, at \$1.25,	206 56
Beans, string, 126 $\frac{3}{4}$ bushels, at \$0.75,	95 06
Beets, 150 bushels, at \$0.60,	90 00
Beet greens, 36 $\frac{1}{2}$ bushels, at \$0.35,	12 78
Cabbage, 4 $\frac{1}{2}$ $\frac{1}{10}$ tons, at \$10,	45 85
Calves sold, 52,	135 50
Carrots, 636 bushels, at \$0.60,	381 60
Cider, 1,151 gallons, at \$0.10,	115 10
Corn, sweet, 535 bushels, at \$0.75,	401 25
Corn, field, 675 bushels, at \$0.75,	506 25
Cows, 4,	110 00
Currants, 387 quarts, at \$0.11,	42 57
Cucumbers, 33 boxes, at \$1.50,	49 50
Cucumbers, pickle, 40 pecks, at \$0.75,	30 00
Ensilage, 300 tons, at \$5,	1,500 00
Fodder, dry, 25 tons, at \$5,	125 00
Fodder, oat, 20 tons, at \$5,	100 00
Fodder, millet, 30 tons, at \$5,	150 00
Grapes, 93 pounds, at \$0.03,	2 79
Hay, 300 tons, at \$21,	6,300 00
Hay, meadow, 8 tons, at \$10,	80 00
Heifers, 2,	55 00
Lettuce, 316 $\frac{1}{4}$ boxes, at \$0.75,	237 19
Milk, 271,541 quarts, at \$0.06,	16,292 46
Onions, 404 $\frac{3}{4}$ bushels, at \$0.85,	344 04
Parsnips, 502 bushels, at \$1,	502 00
Pears, 13 $\frac{1}{2}$ bushels, at \$1.75,	23 63
Peas, 78 bushels, at \$1,	78 00
Peppers, 1 $\frac{1}{2}$ bushels, at \$0.75,	1 13
Pigs,	631 25
Potatoes, 986 bushels, at \$0.70,	690 20

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*Amount carried forward,* \$30,770 41

<i>Amount brought forward,</i>	\$30,770 41
Pumpkins, 6,130 pounds, at \$0.03,	183 90
Pork, 8,972 pounds, at \$0.10,	897 20
Radishes, 112 bunches, at \$0.25,	28 00
Radish, horse, 2 bushels, at \$1,	2 00
Rhubarb, 2,359 pounds, at \$0.02,	47 18
Rowen, 40 tons, at \$12,	480 00
Squash, summer, $3\frac{1}{2}$ tons, at \$20,	70 00
Squash, winter, $7\frac{2}{3}\frac{3}{4}$ tons, at \$30,	213 47
Tomatoes, green, 121 bushels, at \$0.50,	60 50
Tomatoes, ripe, 250 bushels, at \$0.75,	187 50
Turnips, $394\frac{1}{2}$ barrels, at \$1.25,	493 13
Use of teams,	10 00
Veal, 103 pounds, at \$0.11,	11 33
Wood, 155 cords, at \$4.50,	697 50
	<hr/>
	\$34,152 12

## GREENHOUSE PRODUCTS.

Asparagus, 6 boxes, at \$4.50,	\$27 00
Cabbage, $\frac{3}{2}\frac{2}{3}$ tons, at \$10,	1 65
Celery, $83\frac{1}{3}$ boxes, at \$1,	83 33
Chicken, 219 pounds, at \$0.24,	52 56
Cucumbers, 1,780, at \$0.10,	178 00
Dandelions, 36 bushels, at \$0.75,	27 00
Eggs, 250 dozen, at \$0.30,	75 00
Fowl, 144 pounds, at \$0.18,	25 92
Lettuce, indoor grown, 13 boxes, at \$2.25,	29 25
Lettuce, outdoor grown, 28 boxes, at \$0.75,	21 00
Parsley, 29 bunches, at \$0.05,	1 45
Pears, 7 bushels, at \$1.75,	12 25
Rhubarb, 25 pounds, at \$0.02,	50
Spinach, 30 bushels, at \$0.40,	12 00
Strawberries, 161 quarts, at \$0.10,	16 10
Tomatoes, green, $6\frac{1}{2}$ bushels, at \$0.50,	3 40
Tomatoes, ripe, 26 bushels, at \$0.75,	19 50
Bulbs, plants, flowers, etc.,	4,367 94
	<hr/>
	\$4,953 85

## LIST OF PERSONS

REGULARLY EMPLOYED AT MONSON STATE HOSPITAL.

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Superintendent, per year,	. . . . .	\$3,000 00
Assistant physician, per year,	. . . . .	1,500 00
Assistant physician, per year,	. . . . .	1,200 00
Assistant physician, per year,	. . . . .	800 00
Assistant physician, per year,	. . . . .	600 00
Pathologist, per year,	. . . . .	600 00
Steward, per year,	. . . . .	1,200 00
Engineer, per year,	. . . . .	1,200 00
Matron and assistant superintendent, per year,	. . . . .	1,000 00
Clerk and treasurer, per year,	. . . . .	1,100 00

## TREASURER'S REPORT.

*To the Trustees of the Monson State Hospital.*

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1910 :—

CASH ACCOUNT.			
Balance Dec. 1, 1909,	.	.	\$1,112 28
<i>Receipts.</i>			
<i>Institution Receipts.</i>			
Board of inmates: —			
Private,	.	\$7,717 11	
Reimbursements,	.	3,418 98	
Cities and towns,	.	364 78	
		<hr/>	\$11,500 87
Salaries, wages and labor: —			
Labor of employees,	.	\$8 00	
Wages not called for,	.	35 42	
		<hr/>	43 42
Sales: —			
Food,	.	\$684 06	
Clothing and materials,	.	280 45	
Furnishings,	.	2 82	
Repairs and improvements,	.	150 01	
Miscellaneous,	.	58 58	
		<hr/>	1,175 92
Farm, stable and grounds: —			
Cows and calves,	.	\$300 50	
Pigs and hogs,	.	631 25	
Ice,	.	57 93	
Vegetables,	.	20	
Use of teams,	.	10 00	
Sundries,	.	854 91	
		<hr/>	1,854 79
Miscellaneous receipts: —			
Interest on bank balances,	.	\$134 24	
Sundries,	.	11 96	
		<hr/>	146 20
		<hr/>	14,721 20
<i>Receipts from Treasury of Commonwealth.</i>			
Maintenance appropriations: —			
Balance of 1909,	.	\$1,979 62	
Advance money (amount on hand November 30),	.	9,000 00	
Approved schedules of 1910,	.	156,860 86	
		<hr/>	167,840 48
Special appropriations,	.	.	93,158 44
		<hr/>	260,998 92
Total,	.	.	\$276,832 40



*Payments.*

To treasury of Commonwealth, institution receipts,	\$14,721 20	
Maintenance appropriations: —		
Balance November schedule, 1909, . . . . .	3,819 43	
Eleven months' schedules, 1910, . . . . .	156,860 86	
November advances, . . . . .	8,541 79	
	<hr/>	\$183,943 28
Special appropriations: —		
Approved schedule (\$93,158.44, less advances of November, 1909, \$727.53), . . . . .		92,430 91
Balance Nov. 30, 1910: —		
In bank, . . . . .	\$268 91	
In office, . . . . .	189 30	
	<hr/>	458 21
Total, . . . . .		<hr/> \$276,832 40

## MAINTENANCE.

Appropriation, . . . . .	\$167,500 00
Expenses (as analyzed below), . . . . .	167,500 00

*Analysis of Expenses.*

Salaries, wages and labor: —		
General administration, . . . . .	\$21,126 09	
Medical service, . . . . .	7,305 59	
Ward service (male), . . . . .	16,843 59	
Ward service (female), . . . . .	12,453 63	
Repairs and improvements, . . . . .	4,422 14	
Farm, stable and grounds, . . . . .	9,787 05	
	<hr/>	\$71,938 09
Food: —		
Butter, . . . . .	\$7,987 40	
Beans, . . . . .	146 49	
Bread and crackers, . . . . .	386 18	
Cereals, rice, meal, etc., . . . . .	1,829 28	
Cheese, . . . . .	153 01	
Eggs, . . . . .	2,784 14	
Flour, . . . . .	4,390 50	
Fish, . . . . .	1,615 75	
Fruit (dried and fresh), . . . . .	1,594 52	
Meats, . . . . .	12,161 85	
Milk, . . . . .	2 88	
Molasses and syrup, . . . . .	514 21	
Sugar, . . . . .	2,599 00	
Tea, coffee, broma and cocoa, . . . . .	622 98	
Vegetables, . . . . .	2,145 68	
Sundries, . . . . .	1,105 97	
	<hr/>	40,039 84
Clothing and materials: —		
Boots, shoes and rubbers, . . . . .	\$582 49	
Clothing, . . . . .	794 32	
Dry goods for clothing and small wares, . . . . .	1,257 22	
Furnishing goods, . . . . .	5 88	
	<hr/>	
Amounts carried forward, . . . . .	\$2,639 91	\$111,977 93

<i>Amounts brought forward,</i>	\$2,639 91	\$111,977 93
<b>Clothing and materials — <i>Con.</i></b>		
Hats and caps,	30 38	
Leather and shoe findings,	610 88	
Sundries,	31 20	
	<hr/>	3,312 37
<b>Furnishings: —</b>		
Beds, bedding, table linen, etc.,	\$1,464 77	
Brushes, brooms,	370 01	
Carpets, rugs, etc.,	270 35	
Crockery, glassware, cutlery, etc.,	920 48	
Furniture and upholstery,	216 63	
Kitchen furnishings,	933 78	
Wooden ware, buckets, pails, etc.,	78 15	
Sundries,	236 82	
	<hr/>	4,490 99
<b>Heat, light and power: —</b>		
Coal,	\$15,439 66	
Oil,	327 08	
Sundries,	181 67	
	<hr/>	15,948 41
<b>Repairs and improvements: —</b>		
Brick,	\$91 00	
Cement, lime and plaster,	351 24	
Doors, sashes, etc.,	42 21	
Electrical work and supplies,	1,204 58	
Hardware,	674 60	
Lumber,	1,024 71	
Machinery, etc.,	354 03	
Paints, oil, glass, etc.,	1,542 10	
Plumbing, steam fitting and supplies,	2,340 23	
Roofing and materials,	35 81	
Sundries,	52 11	
	<hr/>	7,712 62
<b>Farm, stable and grounds: —</b>		
Blacksmith and supplies,	\$372 35	
Carriages, wagons, etc., and repairs,	621 89	
Fertilizers, vines, seeds, etc.,	872 97	
Hay, grain, etc.,	7,092 63	
Harnesses and repairs,	176 01	
Cows,	497 00	
Rent,	76 00	
Tools, farm machines, etc.,	924 09	
Sundries,	311 89	
	<hr/>	10,944 83
<b>Miscellaneous: —</b>		
Books, periodicals, etc.,	\$401 12	
Chapel services and entertainments,	1,292 03	
Freight, expressage and transportation,	1,439 39	
Funeral expenses,	123 75	
Gratuities,	11 90	
Hose, etc.,	69 64	
Ice,	897 48	
Medicines and hospital supplies,	2,086 98	
	<hr/>	
<i>Amounts carried forward,</i>	\$6,322 29	\$154,387 15

<i>Amounts brought forward,</i>	.	.	.	.	\$6,322 29	\$154,387 15
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*Miscellaneous — Con.*

Medical attendance, nurses, etc. (extra),	.	.	.	.	77 30	
Postage,	.	.	.	.	426 27	
Printing and printing supplies,	.	.	.	.	18 07	
Printing annual report,	.	.	.	.	156 32	
Return of runaways,	.	.	.	.	46 95	
Soap and laundry supplies,	.	.	.	.	2,053 84	
Stationery and office supplies,	.	.	.	.	937 13	
School books and school supplies,	.	.	.	.	1 37	
Travel and expenses (officials),	.	.	.	.	621 02	
Telephone and telegraph,	.	.	.	.	157 97	
Tobacco,	.	.	.	.	605 88	
Water,	.	.	.	.	1,435 34	
Sundries,	.	.	.	.	253 10	
						13,112 85
<hr/>						
Total expenses for maintenance,	.	.	.	.		\$167,500 00

## SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1909,	.	.	.	.	.	\$98,491 27
Appropriations for fiscal year,	.	.	.	.	.	8,740 00
						<hr/>
Total,	.	.	.	.	.	\$107,231 27
Expended during the year (see statement annexed),					\$93,158 44	
Reverting to treasury of Commonwealth,	.	.	.	.	71 08	
						<hr/>
						93,229 52
						<hr/>
Balance Nov. 30, 1910,	.	.	.	.	.	\$14,001 75

## RESOURCES AND LIABILITIES.

*Resources.*

Cash on hand,	.	.	.	.	.	\$458 21
November cash vouchers (paid from advance money),					8,541 79	
Due from treasury of Commonwealth, account						
November, 1910, schedule,	.	.	.	.	1,639 14	
						<hr/>
						\$10,639 14

*Liabilities.*

Schedule of November bills,	.	.	.	.	.	\$10,639 14
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Special Appropriations.

OBJECT.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Alterations, etc., . . . . .	Res. 1907, chap. 91,	\$3,400 00	\$106 54	\$3,333 49	\$66 51 <sup>1</sup>
Constructing silos, . . . . .	Res. 1907, chap. 91,	1,100 00	449 99	1,095 43	4 57 <sup>1</sup>
Building for male employees, . . . . .	Res. 1908, chap. 128,	5,900 00	240 89	5,900 00	-
Constructing and furnishing two dormitories, . . . . .	Acts 1909, chap. 475,	84,000 00	63,717 57	81,413 42	2,586 58
Constructing and furnishing service building, . . . . .	Acts 1909, chap. 475,	34,000 00	23,138 84	33,479 86	520 14
Sewer, water and electric connections, . . . . .	Res. 1909, chap. 97,	5,000 00	3,959 65	5,000 00	-
Sewerage system, . . . . .	Res. 1910, chap. 119,	6,000 00	654 96	654 96	5,345 04
Constructing and furnishing house for employees, { . . . . .	Res. 1908, chap. 128,	5,900 00	150 00	350 01	5,549 99
Purchase of land, . . . . .	Res. 1910, chap. 119,	740 00	740 00	740 00	-
		\$146,040 00	\$93,158 44	\$131,967 17	\$14,001 75

<sup>1</sup> Reverting to treasury of the Commonwealth.

Respectfully submitted,

WALTER E. HATCH,  
*Treasurer.*

WARREN A. MERRILL,  
*Assistant Supervisor of Accounts.*

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.



## VALUATION.

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Land, . . . . .	\$32,377 00
Buildings, . . . . .	569,788 69
Water and sewerage systems, . . . . .	46,458 23

### Personal property: —

Provisions and groceries, . . . . .	2,522 05
Clothing and clothing material, . . . . .	4,441 43
Furnishings, . . . . .	77,855 50

### Heat, light and power: —

Fuel, . . . . .	145 30
All other property, . . . . .	1,278 41

### Repairs and improvements: —

Machinery and mechanical fixtures, . . . . .	50,122 79
All other property, . . . . .	3,476 21

### Farm, stable and grounds: —

Live stock on the farm, . . . . .	15,230 00
Produce of the farm on hand, . . . . .	1,277 50
Carriages and agricultural implements, . . . . .	8,366 73
All other property, . . . . .	1,959 32
Miscellaneous, . . . . .	10,094 80

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\$825,393 96

### NURSES' TRAINING SCHOOL FUND.

Balance Dec. 1, 1909, . . . . .	\$450 30
Twelve months' receipts, . . . . .	331 89

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\$782 19

Twelve months' payments, . . . . .	373 22
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Balance Nov. 30, 1910, . . . . .	\$408 97
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*Investment.*

Deposited in Palmer National Bank, . . . . .	\$55 89
Deposited in Palmer Savings Bank, . . . . .	337 70
Cash in office, . . . . .	15 38
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	\$408 97

PATIENTS' MONEY.

Balance Dec. 1, 1909, . . . . .	\$650 98
Twelve months' receipts, . . . . .	1,995 68
	<hr/>
	\$2,646 66
Twelve months' payments, . . . . .	1,969 86
	<hr/>
	\$676 80

*Investment.*

Deposited in Palmer National Bank, . . . . .	\$57 26
Deposited in Palmer Savings Bank, . . . . .	569 96
Cash in office, . . . . .	49 58
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	\$676 80

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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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# 1. — General Statistics for the Year.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the hospital Oct. 1, 1909,	165	164	329	203	163	366	368	327	695
Admitted within the year,	36	30	66	107	89	196	143	119	262
Viz.: by commitment,	30	26	56	68	69	137	98	95	193
by transfer,	2	2	4	—	1	1	2	3	5
from escape,	1	—	1	2	—	2	3	—	3 <sup>1</sup>
from visit,	3	2	5	37	19	56	40	21	61
Whole number of cases within year,	201	194	395	310	252	562	511	446	957
Dismissed during year,	26	12	38	90	59	149	116	71	187
Viz.: discharged,	5	2	7	37	15	52	42	17	59
as recovered,	—	—	—	1	—	1	1	—	1
as capable of self-support,	—	—	—	—	—	—	—	—	—
as improved,	5	2	7	31	15	46	36	17	53
as not improved,	—	—	—	5	—	5	5	—	5
died,	14	9	23	9	12	21	23	21	44
transferred,	—	—	—	—	—	—	—	—	—
escaped,	—	—	—	4	—	4	4	—	4
on visit Oct. 1, 1910,	7	1	8	40	32	72	47	33	80
Patients remaining Sept. 30, 1910,	175	182	357	220	193	413	395	375	770
Viz.: State patients,	164	173	337	199	176	375	363	349	712
private patients,	4	3	7	12	10	22	16	13	29
reimbursing patients,	7	6	13	9	7	16	16	13	29
Number of different persons within the year,	197	192	389	289	244	533	486	436	922
Number of different persons admitted,	33	28	61	86	82	168	119	110	229
Number of different persons admitted by commitment,	30	26	56	68	69	137	98	95	193
Number of different persons dismissed,	23	10	33	71	50	121	94	60	154
Number of different persons discharged capable of self-support,	—	—	—	—	—	—	—	—	—
Daily average number of patients,	171.56	170.70	342.26	208.84	180.10	388.94	380.40	350.80	731.20
Viz.: State patients,	162.85	162.66	325.51	189.67	165.00	354.67	352.52	327.66	680.18
private patients,	3.57	3.61	7.18	10.98	8.53	19.51	14.55	12.14	26.69
reimbursing patients,	5.14	4.43	9.57	8.19	6.57	14.76	13.33	11.00	24.33

<sup>1</sup> Nominally admitted to discharge: insane: males, 3; females, 2; total, 5; sane: males, 21; females, 7; total, 28; totals: males, 24; females, 9; total, 33. Three sane males, 5 sane females, time extended from visit of previous year. One sane male, time extended from escape of previous year.

2. — *Received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . . . .	28	26	54	63	60	123	91	86	177
Second to this hospital, . . . . .	2	—	2	4	8	12	6	8	14
Third to this hospital, . . . . .	—	—	—	1	1	2	1	1	2
Total cases, . . . . .	30	26	56	68	69	137	98	95	193
Total persons, . . . . .	30	26	56	68	69	137	98	95	193
First admitted to any hospital, . . . . .	27	25	52	63	59	122	90	84	174



## 4. — Residence of Persons admitted by Commitment.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —									
Bristol County, . . . . .	1	—	1	1	—	1	2	—	2
Hampden County, . . . . .	—	—	—	—	—	—	—	—	—
Middlesex County, . . . . .	9	10	19	—	1	1	9	11	20
Suffolk County, . . . . .	3	8	11	2	—	2	5	8	13
Worcester County, . . . . .	14	7	21	—	—	—	14	7	21
Totals, . . . . .	27	25	52	3	1	4	30	26	56
Cities or large towns (10,000 or over),	14	18	32	2	1	3	16	19	35
Country districts (under 10,000),	13	7	20	1	—	1	14	7	21
B. — Sane: —									
Berkshire County, . . . . .	3	1	4	—	—	—	3	1	4
Bristol County, . . . . .	3	5	8	—	1	1	3	6	9
Essex County, . . . . .	8	8	16	—	—	—	8	8	16
Franklin County, . . . . .	—	1	1	—	—	—	—	1	1
Hampden County, . . . . .	5	5	10	1	1	2	6	6	12
Hampshire County, . . . . .	—	1	1	—	—	—	—	1	1
Middlesex County, . . . . .	15	12	27	—	1	1	15	13	28
Norfolk County, . . . . .	2	2	4	1	—	1	3	2	5
Plymouth County, . . . . .	2	1	3	—	1	1	2	2	4
Suffolk County, . . . . .	19	19	38	1	4	5	20	23	43
Worcester County, . . . . .	6	4	10	2	2	4	8	6	14
Totals, . . . . .	63	59	122	5	10	15	68	69	137
Cities or large towns (10,000 or over),	45	46	91	3	7	10	48	53	101
Country districts (under 10,000),	18	13	31	2	3	5	20	16	36

## 5. — Civil Condition of Persons first admitted to Any Hospital.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, . . . . .	25	21	46	54	44	98	79	65	144
Married, . . . . .	2	3	5	7	7	14	9	10	19
Widowed, . . . . .	—	1	1	—	7	7	—	8	8
Divorced, . . . . .	—	—	—	2	1	3	2	1	3
Totals, . . . . .	27	25	52	63	59	122	90	84	174



## 6. — Occupations of Persons first admitted to Any Hospital.

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Blacksmith, . . .	—	1	1	Laborer, . . .	—	5	5
Bookkeeper, . . .	—	1	1	Leather cutter, . . .	—	1	1
Brakeman, . . .	—	1	1	Mill operative, . . .	—	3	3
Brick mason, . . .	—	1	1	Railroad man, . . .	—	1	1
Cash boy, . . .	—	1	1	Scholar, . . .	—	2	2
Clerk, . . .	—	6	6	Shoemaker, . . .	1	—	1
Chair maker, . . .	—	1	1	Stableman, . . .	—	1	1
Cook, . . .	1	—	1	Watch maker, . . .	—	1	1
Farmer, . . .	—	2	2	Waiter, . . .	—	2	2
General Electric				Weaver, . . .	—	1	1
Company, fore-				Teamster, . . .	—	2	2
man, . . .	1	—	1	No occupation, . . .	23	29	52
Hostler, . . .	1	—	1				
Kitchen man, . . .	—	1	1	Totals, . . .	27	63	90

## FEMALES.

Bookkeeper, . . .	—	1	1	Paper mills, . . .	—	1	1
Boxmaker, . . .	—	1	1	Scholar, . . .	2	3	5
Domestic, . . .	1	11	12	Stenographer, . . .	—	1	1
General Electric				Salesgirl, . . .	—	1	1
Company, . . .	—	1	1	Tailoress, . . .	—	1	1
Housekeeper, . . .	1	2	3	No occupation, . . .	20	28	48
Housewife, . . .	—	7	7				
Laundress, . . .	—	1	1	Totals, . . .	25	59	84
Milliner, . . .	1	—	1				

## WIFE OR DAUGHTER OF —

Assistant bank cash-				Machinist, . . .	1	2	3
ier, . . .	—	1	1	Night watchman, . . .	1	3	4
Bank receiver, . . .	—	1	1	Tailor, . . .	—	2	2
Brick layer, . . .	—	1	1	Teamster, . . .	—	1	1
Carpenter, . . .	2	—	2	Tinsmith, . . .	—	1	1
Cigar maker, . . .	—	1	1	Tollman, . . .	—	1	1
Farmer, . . .	—	2	2	Unknown, . . .	20	41	61
Laborer, . . .	1	1	2				
Lineman, . . .	—	1	1	Totals, . . .	25	59	84

7. — Ages of Epileptics at First Attack, Admission and Death.

INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.			AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	18	11	29	1	15	16	3	2	5	8	6	14
15 years and less,	1	3	4	1	1	2	2	1	3	3	1	4
From 15 to 20 years,	2	3	5	1	3	4	6	2	7	2	2	4
20 to 25 years,	1	1	2	1	1	2	1	2	3	2	2	4
25 to 30 years,	1	1	2	1	1	2	1	2	3	2	2	4
30 to 35 years,	1	1	2	1	1	2	1	2	3	2	2	4
35 to 40 years,	1	2	3	1	2	3	1	2	3	1	2	3
40 to 50 years,	1	1	2	2	1	3	1	1	2	1	1	2
50 to 60 years,	3	2	5	1	1	2	3	1	4	1	1	2
60 to 70 years,	1	2	3	1	2	3	1	1	2	1	1	2
70 to 80 years,	1	2	3	1	2	3	1	1	2	1	1	2
80 to 90 years,	1	1	2	1	1	2	1	1	2	1	1	2
Totals,	27	25	52	23	19	42	14	9	23	11	8	19
Unknown,	1	1	2	4	6	10	3	1	4	3	1	4
Total persons,	27	25	52	27	25	52	14	9	23	14	9	23
Mean known age,	17.37	23.6	20.33	13.75	12.08	13.00	23.57	25.55	24.34	14.54	12.50	13.68

7. — *Ages of Epileptics at First Attack, Admission and Death — Concluded.*  
SANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			DIED.		
	AT FIRST ATTACK OF EPILEPSY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	—	2	2	—	—	—
15 years and less, .	33	29	62	8	5	13
From 15 to 20 years, .	9	6	15	—	2	2
20 to 25 years, .	8	3	11	—	1	1
25 to 30 years, .	1	3	4	—	1	1
30 to 35 years, .	1	2	3	—	2	2
35 to 40 years, .	3	2	5	1	—	1
40 to 50 years, .	1	4	5	—	1	1
50 to 60 years, .	1	3	4	—	—	—
60 to 70 years, .	—	—	—	—	—	—
70 to 80 years, .	—	—	—	—	—	—
80 to 90 years, .	—	—	—	—	—	—
Totals, .	57	54	111	9	12	21
Unknown, .	6	5	11	—	—	—
Total persons, .	63	59	122	9	12	21
Mean known age, .	75.04	17.73	16.80	10.83	19.37	15.71
			28.36	27.50	36.87	32.85

## 8. — Probable Causes of Epilepsy in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical: —												
Electric shock, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Injury to head, . . . . .	—	2	2	—	—	—	—	—	—	—	1	1
Sunstroke, . . . . .	1	1	2	—	—	—	—	—	—	—	—	—
Totals, . . . . .	2	3	5	—	—	—	—	—	—	—	1	1
Unknown, . . . . .	25	22	47	1	2	3	2	—	2	3	2	5
Totals, . . . . .	27	25	52	1	2	3	2	—	2	3	3	6
<i>Sane.</i>												
Physical: —												
Injury to head, . . . . .	4	—	4	—	—	—	—	—	—	—	—	—
Over exercise, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Operation on hand, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Fright, . . . . .	1	1	2	—	—	—	—	—	—	—	—	—
Gastritis, . . . . .	5	2	7	—	—	—	—	—	—	—	1	1
Scald, . . . . .	—	2	2	—	—	—	—	—	—	—	—	—
Cerebral hemorrhage, . . . . .	2	—	2	—	—	—	—	—	—	—	—	—
Acute infection, . . . . .	3	—	3	—	—	—	—	—	—	—	—	—
Cerebro-spinal meningitis, . . . . .	2	—	2	—	—	—	—	—	—	1	—	1
Overheating, followed by swim, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Sunstroke, . . . . .	2	—	2	—	—	—	—	—	—	—	—	—
Sickness of mother during pregnancy, . . . . .	—	2	2	—	—	—	—	—	—	—	—	—
Dentition, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Totals, . . . . .	23	7	30	—	—	—	—	—	—	1	1	2
Unknown, . . . . .	40	52	92	4	8	12	1	2	3	—	4	4
Totals, . . . . .	63	59	122	4	8	12	1	2	3	1	5	6
Aggregates, . . . . .	25	10	35	—	—	—	—	—	—	1	2	3
Unknown, . . . . .	65	74	139	5	10	15	3	—	3	3	6	9
Aggregates, . . . . .	90	84	174	5	10	15	3	—	3	4	8	12



9. — Probable Duration of Disease before Admission.

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.									
	INSANE.					SANE.				
	INSANITY.			EPILEPSY.			EPILEPSY.			TOTALS.
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
Congenital,	—	—	—	—	—	—	—	—	—	—
Under 1 month,	27	25	52	—	—	—	—	—	—	—
From 1 to 3 months,	—	—	—	—	—	—	—	—	—	—
3 to 6 months,	—	—	—	—	—	—	—	—	—	—
6 to 12 months,	—	—	—	—	—	—	—	—	—	—
1 to 2 years,	—	—	—	1	1	2	3	4	7	9
2 to 5 years,	—	—	—	3	—	3	14	9	23	26
5 to 10 years,	—	—	—	10	9	19	13	15	28	47
10 to 20 years,	—	—	—	8	5	13	17	15	32	45
Over 20 years,	—	—	—	—	2	2	9	11	20	22
Totals,	27	25	52	22	17	39	56	54	110	149
Unknown,	—	—	—	5	8	13	7	5	12	25
Totals,	27	25	52	27	25	52	63	59	122	174
Average known duration in years,	.0416	.0416	.0416	9.0	12.0	10.79	11.87	12.77	12.09	11.62

10. — Discharges, classified by Admission and Result as to Epilepsy, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	4	2	6	—	—	—	12	8	20	16	10	26
Second to this hospital, .	—	—	—	—	—	—	1	—	1	—	—	—	2	1	3	3	1	4
Third to this hospital, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total cases, .	—	—	—	—	—	—	5	2	7	—	—	—	14	9	23	19	11	30
Total persons, .	—	—	—	—	—	—	5	2	7	—	—	—	14	9	23	19	11	30
First admitted to any hospital, .	—	—	—	—	—	—	3	1	4	—	—	—	9	7	16	12	8	20
B. — Sane epileptics: —																		
First to this hospital, .	1	—	1	—	—	—	27	14	41	—	—	5	9	11	20	42	25	67
Second to this hospital, .	—	—	—	—	—	—	4	—	4	—	—	—	—	1	1	4	1	5
Third to this hospital, .	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	1	1
Total cases, .	1	—	1	—	—	—	31	15	46	5	—	5	9	12	21	46	27	73
Total persons, .	1	—	1	—	—	—	31	15	46	5	—	5	9	12	21	46	27	73
First admitted to any hospital, .	1	—	1	—	—	—	27	14	41	5	—	5	9	10	19	42	24	66

11. — *Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system: —									
Status epilepticus, . . . . .	5	2	7	2	1	3	7	3	10
Epilepsy, . . . . .	2	3	5	2	3	5	4	6	10
Brain cyst, . . . . .	—	—	—	1	—	1	1	—	1
Brain abscess, . . . . .	—	—	—	—	1	1	—	1	1
Respiratory system: —									
Lobar pneumonia, . . . . .	1	—	1	3	—	3	4	—	4
Pulmonary edema, . . . . .	1	—	1	—	—	—	1	—	1
Pulmonary tuberculosis, . . . . .	3	2	5	1	—	1	4	2	6
Broncho-pneumonia, . . . . .	1	1	2	—	1	1	1	2	3
Circulatory system: —									
Acute dilatation of the heart, . . . . .	1	1	2	—	—	—	1	1	2
Myocarditis, . . . . .	—	—	—	—	1	1	—	1	1
Genito-urinary system: —									
Interstitial nephritis, . . . . .	—	—	—	—	1	1	—	1	1
General: —									
Carcinoma of the face, . . . . .	—	—	—	—	1	1	—	1	1
Accidental scalding by hot water, . . . . .	—	—	—	—	1	1	—	1	1
Digestive system: —									
Acute dilatation of the stomach, . . . . .	—	1	1	—	—	—	—	1	1
Intestinal paralysis, . . . . .	—	1	1	—	—	—	—	1	1
Totals, . . . . .	14	11	25	9	10	19	23	21	44

12. — Deaths, classified by Duration of Disease and Treatment.

INSANE.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.												
	DURATION BEFORE ADMISSION.					HOSPITAL RESIDENCE.					WHOLE DURATION OF ATTACK.					WHOLE KNOWN PERIOD OF DISEASE.					WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	INSANITY.			EPILEPSY.		Totals.	Males.	Females.	Totals.	INSANITY.			EPILEPSY.		Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.		
	Males.	Females.	Totals.	Males.	Females.					Totals.	Males.	Females.	Totals.	Males.								Females.	Totals.
Congenital, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Under 1 month, . . . . .	9	7	16	-	-	2	-	2	-	-	1	1	2	-	-	-	-	-	-	-	-		
From 1 to 3 months, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 to 6 months, . . . . .	-	-	-	-	-	1	1	2	1	2	-	-	-	-	-	-	-	-	-	-	-		
6 to 12 months, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 to 2 years, . . . . .	-	-	-	1	-	1	2	3	1	2	3	1	-	1	-	-	-	-	-	-	-		
2 to 5 years, . . . . .	-	-	-	1	1	2	3	5	3	2	5	-	-	-	-	1	-	-	-	-	1		
5 to 10 years, . . . . .	-	-	-	1	1	2	2	3	2	1	3	1	1	2	1	1	-	1	2	1	3		
10 to 20 years, . . . . .	-	-	-	6	5	11	-	-	-	-	-	6	5	11	2	1	3	1	2	1	3		
Over 20 years, . . . . .	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	3	1	4	-	-		
Totals, . . . . .	9	7	16	9	7	16	9	7	16	9	7	9	7	16	5	2	7	5	2	7	7		
Unknown, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Totals, . . . . .	9	7	16	9	7	16	9	7	16	9	7	9	7	16	5	2	7	5	2	7	7		
Average of known cases (in months).	.5	.5	.5	135.66	147.42	141.37	36.72	30.85	34.15	36.72	30.85	34.15	165.33	168.28	166.62	98.58	4.25	94.42	312	299.14	147	112.28	







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REPORT OF THE TRUSTEES

OF THE

MONSON STATE HOSPITAL

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE

YEAR ENDING NOVEMBER 30, 1911.



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
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1912.

1912

STATE HOUSE, BOSTON.

APPROVED BY  
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# OFFICERS

## OF THE

# MONSON STATE HOSPITAL.

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### TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman,</i>	. . .	BOSTON.
MABEL W. STEDMAN,	. . . . .	BROOKLINE.
HENRY P. JAKUES, M.D.,	. . . . .	LENOX.
MARY B. TOWNSLEY, <i>Secretary,</i>	. . . . .	SPRINGFIELD.
JOHN BAPST BLAKE, M.D.,	. . . . .	BOSTON.
EDWARD P. BAGG,	. . . . .	HOLYOKE.
MICHAEL I. SHEA, M.D.,	. . . . .	CHICOPEE FALLS.

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### RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	. . .	<i>Superintendent.</i>
MORGAN B. HODSKINS, M.D.,	. .	<i>Assistant Physician.</i>
ALDEN V. COOPER, M.D.,	. .	<i>Assistant Physician.</i>
FREDERICK W. GUILD, M.D.,	. .	<i>Assistant Physician.</i>
EDMUND S. DOUGLASS, M.D.,	. .	<i>Assistant Physician.</i>
AMY C. CLIFTON,	. . . . .	<i>Assistant Superintendent and</i> <i>Matron to Children's Colony.</i>
CHARLES F. SIMONDS,	. . . . .	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	. . . . .	<i>Engineer.</i>

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SARAH E. SPALDING,	. . . . .	<i>Clerk and Treasurer.</i>
MARION COLLINS,	. . . . .	<i>Field Worker.</i>

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### NONRESIDENT OFFICERS.

DR. E. G. BRACKETT,	. . . . .	<i>Consulting Orthopedic Surgeon.</i>
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# The Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The past year has been one of quiet growth and increase in the hospital, without any striking accidents or occurrences in the administration.

The superintendent has had his usual summer vacation.

In October, 1911, Dr. Michael I. Shea of Chicopee was appointed trustee in the place of Dr. Scofield of Dalton, whose term had expired. Dr. Shea has therefore had no share in the work of the preceding year and no responsibility for any occurrences therein. The trustees desire to place on record their appreciation of the services of Dr. Walter W. Scofield on the Board. Peculiarly fitted by his hospital experience to determine questions of State hospital administration, his advice was always sought and his opinion was sound and of much weight. The trustees sincerely regret his absence from the Board.

There has been no change among the assistant physicians except in the case of Mr. L. B. Alford, research officer and assistant physician, who completed his term of service on Aug. 29, 1911. He left the hospital at his own request in order to complete his medical studies, and to the regret of the trustees, who had found his work very interesting and valuable.

Miss Danielson completed her term of service on July 3, and since then no field worker has been employed until within the last few weeks. Miss Marion Collins arrived from New York, where she had been trained, to perform this very important work on heredity, and the trustees now have under consideration the question of retaining her, the only serious difficulty being that of cost.

Mr. Walter E. Hatch, who has been clerk and treasurer since Aug. 27, 1907, resigned, and Miss Sarah E. Spalding, chief clerk, has been chosen to fill these positions.

The appropriations for the year 1910 were as follows: —

For an extension of the laundry and suitable machinery, . . .	\$15,000
To enlarge the refrigerating facilities and to fireproof certain floors, . . . . .	3,000
	<hr/>
	\$18,000

Both these appropriations were much needed, and the work hereby permitted has been begun and is being rapidly carried on.

The extension of the sewerage system, for which \$6,000 was appropriated in 1909, will soon be completed. It has involved the laying of sewer tile from the Farm group for a considerable distance along the side of the hill and the formation of the filter beds. The first portion of the work has been finished; two of the filter beds will be ready for use shortly, and work on the third will be carried on through the winter.

The trustees have voted to ask for the following special appropriations this year: —

Employees' cottage, . . . . .	\$6,000
Cottage at Farm group, . . . . .	3,500
Ice house, . . . . .	1,000
Cow barn, . . . . .	5,000
	<hr/>
	\$15,500

There are various other objects for which appropriations must eventually be asked, but the trustees do not desire to ask now for anything but what is immediately needed. The needs of the future must wait.

The important problem in relation to the power house is fully given in detail in the superintendent's report herewith submitted. It seems probable that it will be necessary in the near future to enlarge our power plant and to change its location. The questions involved in this matter are now the subject of careful study and investigation by the Board.

## THE CHILDREN'S COLONY.

Early in October, 1910, the children's colony was opened with 6 boys. Before the 1st of November 7 more were admitted, and by the 1st of December the total admissions of boys had been 40.

The girls' building was opened in the last of November, 1910, with 13 girls. On the 1st of January, 1911, there were 75 children in the colony, — 40 boys and 35 girls.

At the present time there are in this group 53 boys and 66 girls, — 119 in all.

This group has been placed under the special care of Miss Clifton, assistant superintendent, who reports directly to the superintendent, Dr. Flood.

The school in this group was started in November, 1910. The morning is devoted to the more feeble-minded, who are able to do only kindergarten work. They learn to sing, march, string beads, cut and paste pictures and other things adapted to their powers.

In the afternoon those children are taught who can learn at least something.

The problem of the education of children of the class with whom we have to deal is a very serious and somewhat complicated one.

We have two great practical divisions for these children as regards primary school education: first, those who can learn practically nothing because of mental impairment, the lower and some of the middle-grade feeble-minded — these are called in other institutions the custodial cases; second, those who can learn something — school cases.

As regards the custodial cases, our problem is simple. For the lower grade cases little can be done, nor is it worth while to attempt much of anything beyond certain kindergarten work in the way of teaching. The higher grade custodial cases may possibly, some of them, be able eventually to do some manual work. Farm work is, however, probably the best occupation for most of them as they grow older.

In regard to the school cases, these may again be roughly divided into two categories: (1) those who are distinctly feeble-minded, middle or high grade, in addition to their epilepsy; (2) those whose



minds are clear or only partially clouded through epilepsy and who are not otherwise feeble-minded.

It is not the purpose of the trustees to receive in this hospital except under special circumstances, children who are, and are likely to be, capable of attending the public school and profiting by such attendance.

The children of the first category of school cases should be educated as far as possible similarly to those with an equal state of mental deficiency in the State institutions for the feeble-minded, due allowance, however, being made for the fact that they are also epileptic.

It is with the children of the second category that the most serious educational questions are presented. These children can learn and sometimes appear to learn quite readily, but after a time, especially if their attacks have been at all numerous, they forget all they have learnt for some period previously, and at the end of the year are no farther, perhaps less, advanced than at the beginning. The value of the ordinary school education is for such children very problematical. The time ordinarily given to this should in the case of these children be devoted to manual training. This has proved a greater success with this class than the ordinary intellectual work.

This will probably in the future be thoroughly tested until we can definitely determine for what kinds of manual labor our epileptics are best fitted.

#### RESEARCH WORK.

The special research work, begun by Dr. Annie E. Taft, has been carried to completion during the past year by Mr. L. B. Alford, who has in addition turned his attention to certain collateral questions with most valuable and interesting results. The investigations which have been carried on by Dr. Taft and Mr. Alford have been of much importance, and have apparently settled some debatable questions.

Miss Danielson, the field worker, has accomplished much important investigation into heredity and kindred subjects. Many valuable records have been obtained and filed. It seems advisable that this work should be continued, and the Board is now considering the possibility of doing this.



It seems important that the aims and the accomplishments of the hospital should be known as widely as possible to the public as a whole, as well as to the medical profession of the State and of the country. For the purpose of accomplishing this, the hospital has issued a short statement of its aims and its needs for general distribution. It also is glad to receive visitors, both lay and medical, and the trustees have readily consented to have medical and scientific societies meet occasionally at the hospital.

In May a meeting of the department of eugenics of the American Breeders' Association was held at the hospital, and in July the Hampden District Medical Society met there. Classes from Amherst College and from Clark University have visited the hospital with their instructors to see and study the conditions.

WILLIAM N. BULLARD, *Chairman.*

*For the Trustees.*

## SUPERINTENDENT'S REPORT.

---

*To the Trustees of the Monson State Hospital.*

I hereby submit my annual report for the year ending Nov. 30, 1911.

The appropriations for the year 1909 have been fully used with the exception of that for the extension of the sewerage system. This work has involved laying sewer tile to the Farm group and digging the trench for a long distance along the side hills, to get the proper pitch. This part of the work is now completed. The beds for filtration as planned are considerably larger than our immediate needs require and will no doubt supply the demands for a great many years to come. The embankments have been completed, the underdrains are all in and two of these beds will be ready for use within a few weeks. The work on another one will be carried on during the winter when the weather is favorable, and will no doubt be completed within a reasonable time.

The appropriations asked for the present year were: (1) for the extension of the laundry, and for fitting up with further machinery, \$15,000; (2) to enlarge the refrigerating facilities and to fireproof certain floors, \$3,000. These were approved and the work has been promptly undertaken. The third appropriation for which we asked was \$25,000 to extend our present dining-room building. This was not passed, and it has not seemed advisable to renew the application this year, though the need is a pressing one.

In studying the appropriations for the coming year, several very important matters have been considered. One of the most desirable would be to locate the boiler plant in such a position that coal may be delivered direct from the railroad. This would involve an extension of our mains for several hundred feet, but the cost of doing this would not be very large. We should obtain for our use the present industrial room and carpenter shop, where suitable rooms for married couples could be made. The present boiler house would make an admirable place for the carpenter shop, and

with the floor extended from the machine shop we should have under the same roof a very much needed enlargement for our industries. The engine room would make a suitable place for the paint shop, which is now not properly provided for. This arrangement would also give us suitable return in the heating plant from the Clough building, and would make it feasible to build another building for patients, north of the Clough building, and houses for employees on the gravel bank still farther north. These could all be heated from the boiler plant.

Another argument in favor of this change is that our present stack is too small for our purpose and another one will soon be needed. Some boilers need renewing, and a portion of the main steam piping needs overhauling, so that considerable expense on the plant will be necessary; and it seems highly advisable that this outlay should be made in a location better adapted to our coming needs. This matter is left over this year for further study.

The appropriations which I have recommended to your Board are as follows: —

1. An employees' cottage for a married couple and 7 male employees as lodgers, similar to our Farm group No. 4, at a cost of \$6,000.

2. An employees' cottage for a married couple and 2 lodgers, to be used in connection with the Farm cottage plant, at a cost of \$3,500.

3. An ice house at a cost of \$1,000. We are practically committed to the use of natural ice, and with this added storage capacity it seems probable that we can store ice enough to provide for all our refrigerating purposes. It is thought desirable to locate this building in the vicinity of the present coal sheds, so that we may be able to fill from the river; or, in case that plan is not possible, to cut the ice at a more distant point and bring it in on cars. This location would render the delivering of ice in the summer time as convenient as we could hope to have it.

4. A cow barn located at the proper site near our Farm group buildings. The cost of this cow barn has been estimated at \$5,000. The present cow barn has been repaired many times and is now an expensive building to maintain. It seems very desirable to have the cows cared for near the other cow barns, and many useful purposes will be served by this additional building.



The various industries have been faithfully carried on and the workers in these departments deserve commendation. The work which is a daily necessity, such as the laundry, kitchen, dining room, ward work, etc., has occupied the usual numbers. In addition to this, an extra amount of work has been done in the following departments: stone crusher work, fruit evaporating, rug making, boot and shoe making, cobbling, farm work of all kinds, grading, road and path making.

The surfacing of an additional piece of farm road has been carried out as in the two preceding years, under the efficient management of the Monson authorities, the crushed stone coming from our patients' efforts at the stone crusher. Many lengths of steam main and water pipes have been laid and tunnel work of considerable extent accomplished near each building. A careful map of our whole territory has been made with accurate location of all pipes for water, sewer, steam, etc. At Farm cottage, Farm group and the children's colony much needed grading, with catch basins and surface drainage, has been partly completed, and many trees have been set out, etc. With these various lines of work the appearance of the grounds has improved and the value of the plant materially increased.

With the idea of supplementing our present supply of unmetered water, we have made four test wells in the valley. The result shows that in several localities plenty of water can be obtained which may be readily piped into our old system. The quality of the water is as good as the surface water we now use from the two reservoirs, and is well suited for use in the barns, the boiler house, laundry and for flushing the toilets. The time is likely to come when this source of supply will be needed for these purposes and the wells can be driven and connections made with very little delay at any time in the future.

The general field of work completed for the social worker is briefly outlined as follows: —

1. Purpose, to secure basis for social work: (a) for wise legislation in regard to defectives; (b) for education of public to prevent unfit matings; (c) to prevent the economic waste involved in caring for defectives and their offspring; (d) to prevent the increase of epileptic, feeble-minded and insane; (e) to finally eradicate epileptic, feeble-minded and insane, or control it as has been done with small-pox and tuberculosis.



2. This basis secured by study of heredity in man: (a) we have knowledge of probabilities in breeding cattle and corn; (b) breeding of human race has been neglected; (c) in forming scientific theories the method is to secure data of individual cases, then discover the laws which they follow; (d) field worker investigates problems connected with special patients and their families. Results are charted and descriptions of individuals written.

3. The social work is incidental, but important: (a) establishes pleasant relations between family and institution; (b) keeps institution in touch with discharged patients; (c) useful information as to advisability of patient returning home; (d) may relieve cases of distress by reporting them to proper authorities.

4. Eugenics worker *v.* social worker: (a) social worker working for general good by relieving individual cases; (b) eugenics worker is seeking to cut off supply of individuals not capable of caring for themselves.

5. To bring the hospital and its management into closer touch with friends and relatives of the patient to the advantage of both. Also to remedy, if possible, defects in the home surroundings of the patient.

6. By field workers who could at the same time bring back valuable data for records.

7. Accurate histories and a knowledge of the home surroundings of the patient. When the field worker is in the neighborhood could call on relatives of the patient, thus keeping in touch with conditions, and in time supplying us with exact data in relation to heredity.

8. An idea that the hospital is really taking an interest in the patients.

9. (a) Case histories; (b) general progress of patient towards recovery and many other matters; (c) general supervision.

10. In the case of the boarded out, the social worker is well equipped to keep supervision of the case, and in other cases may well help to keep the family informed as to the progress of the case in the hospital.

11. The tendency to sterility has only become manifest after an endless amount of mischief has been done. The acquirement of venereal diseases and their dissemination among persons of naturally better condition have been marked features.

Our experience with the field worker has been for little more than one year. The cost has averaged about \$50 per month for the traveling and maintenance expenses. If we employed her independently of the eugenics record office this would be increased to \$125 per month. Even at this price the results seem to warrant such an outlay.

At the children's colony, the first death occurred in January, a boy who had been in feeble condition for some time. Five other deaths have occurred since then; 2 of them were boys and 3 were girls.

In the schools some do not advance much in their work, but an effort is made to have them remember what they already know. Quite a little attention is paid to letter writing in order that the boy or girl may be able to write an intelligent letter home.

Each patient who is able has some regular work to do, and is encouraged to keep at it until the work is completed or the recreation time arrives. The girls are learning to sew and mend, and do a great deal of the mending.

So many younger children have been admitted to this hospital that it became necessary in October of this year to use one of the wards in the girls' building for a nursery. The older girls enjoy helping in the care of nursery children, and it serves to keep them employed as well.

There has been very little sickness except that caused by convulsions.

The condition of our barns and stock is sufficiently evident by the following extracts from a letter of the Chief of the Cattle Bureau and from his district agent, under dates of Nov. 14, 1910, and Sept. 30, 1911.

It affords me great pleasure to report that I found little, if anything, to criticize. The health condition of the herd is excellent. The methods employed in the care of the cattle are simple and practical, and evidence their value in the results obtained. Your barn buildings are not all of the modern, up-to-date, sanitary and hygienic type, but you are proving that it is possible to keep a herd in first-class condition without the aid of ultra-scientific surroundings. The average farmer, who cannot afford to build in accordance with the latest fads in sanitary construction, may find in the results you achieve with somewhat old-fashioned surroundings encouragement to make the best of what he has.

I must not omit a word of congratulation on the appearance of the swine I found at the Monson institution. They are in splendid shape, and I was pleased to note that they are being handled on a business basis, and must be returning you a substantial profit.

I was glad to have the opportunity to inspect your stock. The Bureau, of which I have very recently been made the head, should keep in touch with conditions through personal inspection. The State, which has established this Bureau, holds it responsible, and the condition of the herds of all State institutions, especially those having the care of the physically unfortunate, should be above suspicion. I have asked your superintendent to keep in frequent touch with this office, giving from time to time information as to the condition of the herd, a request I am sure you will approve. . . .



The present stable, while fairly sanitary in its arrangement, might be improved upon in several particulars. The present location, directly opposite the administrative office of the institution, is objectionable from the sanitary as well as the æsthetic point of view. Naturally, flies that develop in the excrement about the buildings in which animals are stabled find ready access into near-by buildings occupied by the officers or inmates of the institution. A more modern stable upon a site better adapted for such a building would considerably lessen the expense connected with the care of the animals, storage of forage and handling of manure. In addition, much of the fertilizing material of the manure that is now lost might be saved by having well-constructed manure pits or conveniences for its storage. In a more modern type of stable, with milk room adjoining, the production of a milk of higher grade would be facilitated.

The herd of cattle was found to be in a very satisfactory condition. There were no evidences of the existence of serious disease, and a careful physical examination of the individual animals did not indicate the presence of a single tuberculous cow. Two cows in the herd, both well along in years, one of which has a slight lameness, the other somewhat emaciated, should, I believe, be removed from the herd because of their being unprofitable, rather than for anything connected with their slight ailments. The large proportion of the animals are of high grade and all show the effects of good feeding, care and stabling.

A physical examination of the 142 head of hogs in the herd showed them to be free from disease and in fine condition. The individual animals, without exception, were of good size, thrifty and vigorous.

#### CLERGYMEN WHO HAVE HELD SERVICE.

Rev. George A. Andrews.  
Rev. Francis S. Brewer.  
Rev. Abram Conklin.  
Rev. William Hart.  
Rev. C. N. Heermans.

Rev. Charles Hill.  
Dr. J. S. Lemon.  
Rev. T. D. Martin.  
Rev. H. W. Smith.  
Rev. Charles W. Williams.

#### AMUSEMENTS.

Baseball games, 34; dances, 50; dancing school, 20; entertainments, 4; excursions to fair, 3; excursions to lake, 36; masquerade, 1; moving pictures, 8.

## GIFTS.

NAME.	Place.	Article.
Mrs. L. Brainerd, . . . .	Palmer, . . . .	Scrapbooks.
Mrs. J. F. Holbrook, . . . .	Palmer, . . . .	Magazines.
Mrs. M. B. Townsley, . . . .	Springfield, . . . .	Magazines.
Mrs. George Ezekiel, . . . .	Palmer, . . . .	Magazines.
Miss Grace Pitts, . . . .	Athol, . . . .	Valentines.
Mrs. D. E. Marcy, . . . .	Palmer, . . . .	Magazines.
Rev. William Hart, . . . .	Palmer, . . . .	Magazines.
Palmer Social and Business Club,	Palmer, . . . .	Magazines.
Mrs. C. A. Matthews, . . . .	Conway, . . . .	Magazines.
Rev. Abram Conklin, . . . .	Monson, . . . .	Children's cards and magazines.
Mrs. H. C. Plummer, . . . .	East Boston, . . . .	Clothing.
Christopher Eldredge, . . . .	Monson State Hospital, . . . .	Books (7).
Mr. D. F. Marcy, . . . .	Palmer, . . . .	Magazines.
Dr. William N. Bullard, . . . .	Boston, . . . .	Dolls (8).
Miss M. Leary, . . . .	Thorndike, . . . .	Clothing.
Mr. S. Cushman, . . . .	Monson, . . . .	Magazines and periodicals.
Dr. Henry Flynn, . . . .	Roxbury, . . . .	Clothing.
Mrs. L. F. Chandler, . . . .	Palmer, . . . .	Magazines.
Mrs. Harriet Bradley, . . . .	Monson, . . . .	Fiction, 18 books.

Table showing Patients employed and in what Way.

	Men.	Women.
Administration building, . . . .	—	5
Bakery, . . . .	7	—
Barn, . . . .	16	—
Carpenter, . . . .	1	—
Dining room, . . . .	25	41
Dispensary, . . . .	1	—
Employees' cottage, . . . .	1	5
Engineer's department, . . . .	2	—
Farm, . . . .	13	—
Greenhouse, . . . .	8	—
Industrial building, . . . .	23	—
Kitchen, . . . .	14	32
Laundry, . . . .	15	98
Mason, . . . .	2	—
Nursery, . . . .	—	5
Nurses' home, . . . .	—	7
On roads, . . . .	31	—
Painter, . . . .	1	—
Service building, . . . .	—	1
Sewing rooms, . . . .	—	46
Stone crusher, . . . .	10	—
Store, . . . .	4	—
Ward work, . . . .	115	120
With yard man, . . . .	37	—
Totals, . . . .	326	360



*List of Graduates.*

NAME.	Class.	Occupation.	Address.
Fannie C. Cronin, .	1901	Monson State Hospital, supervisor,	Palmer.
Mary E. Kilduff, .	1901	Private nursing, . . . .	Springfield.
Emma S. McKeever, .	1901	Matron at State Farm, . . . .	State Farm.
Julia O'Brien, . .	1901	Private nursing, . . . .	Roxbury.
Edith E. Townsend, .	1901	Married, . . . .	Bragville, Me.
Carroll W. Briggs, .	1902	Boston City Hospital, . . . .	Boston.
A. M. D. Manwarring,	1902	- - -	Averill Park, N. Y.
Edwin S. Manwarring,	1902	- - -	Averill Park, N. Y.
James L. McKeever, .	1902	State Farm, . . . .	State Farm.
Walter L. McKeever, .	1902	- - -	Middletown, Conn.
Hattie Edith Rowe, .	1902	- - -	Georgetown, Me.
Alice B. Smith, . .	1902	Bookkeeping, . . . .	Medford.
Marguerite Casey, .	1903	Private nursing, . . . .	Burlington, Vt.
Catherine Daley, .	1903	Connecticut Hospital for Insane, .	Middleton, Conn.
Georgia A. Nute,	1903	Stamford Hall, . . . .	Stamford, Conn.
George H. Flynt, .	1903	Motorman, . . . .	Palmer.
Mae D. Brown, . .	1905	Private nursing, . . . .	Portland, Me.
Annie A. Caldwell, .	1905	Private nursing, . . . .	Springfield.
Louis A. Fontaine, .	1905	- - -	Palmer.
Frank L. Morway, .	1905	Apothecary, Monson State Hos- pital.	Palmer.
Christine McClellan, .	1906	Married, . . . .	Prince Edward Island.
Lutie F. Campbell, .	1907	Private nursing, . . . .	Boston.
Theresa Brown, . .	1907	Private nursing, . . . .	Portland, Me.
Mary G. Hancock, .	1907	Private nursing, . . . .	Holyoke.
Mrs. Anna Woodward,	1907	Private nursing, . . . .	Syracuse, N. Y.
Elizabeth McCarthy, .	1907	Monson State Hospital, assistant supervisor.	Palmer.
Samuel E. Chase, .	1907	Brattleboro Retreat, nurse, . .	Brattleboro, Vt.
William L. Paine, .	1907	Monson State Hospital, nurse, .	Palmer.
Edith M. Brooks, .	1908	Private nursing, . . . .	Watertown, N. Y.
Eva G. Caldwell, .	1908	Private nursing, . . . .	Woodstock, N. B.
Mary J. Caldwell, .	1908	Private nursing, . . . .	Springfield.
Susan E. Crumb, .	1908	Private nursing, . . . .	Watertown, N. Y.
Daisy I. Dowling, .	1908	Private nursing, . . . .	North Middleborough.
Olla G. Dowling, .	1908	Private nursing, . . . .	Brockton.
Dora L. Jaques, . .	1908	Private nursing, . . . .	Presque Isle, Me.
Agnes M. Millen, .	1908	Private nursing, . . . .	Syracuse, N. Y.
Anna L. Millen, . .	1908	Private nursing, . . . .	Salem.
Katherine C. Murray,	1908	Married, . . . .	Dorchester.

*List of Graduates — Concluded.*

NAME.	Class.	Occupation.	Address.
Mae I. Perkins, . . .	1908	Married, . . . . .	Springfield.
Nellie F. Brown, . . .	1909	Married, . . . . .	Moosup, Conn.
Mary S. Campbell, . . .	1909	Private nursing, . . . . .	Springfield.
Katherine Donovan, . . .	1909	Private nursing, . . . . .	New York City.
Ermina E. Drennan, . . .	1909	Sanatorium, nurse, . . . . .	Brookline.
Ruth C. Clark, . . . .	1910	Private nursing, . . . . .	Worcester.
S. Helen Dickinson, . . .	1910	Private nursing, . . . . .	Calgary, Alta.
Alma T. Gray, . . . .	1910	Private nursing, . . . . .	Newton.
Cora T. Graham, . . . .	1910	Private nursing, . . . . .	New York City.
Ida H. Graham, . . . .	1910	Private nursing, . . . . .	New York City.
Mrs. Bertha S. Hall, . . .	1910	Pierce Farm, . . . . .	Mattapan.
Maybel M. Jamieson, . . .	1910	Private nursing, . . . . .	New York City.
Katherine F. Knight, . . .	1910	Private nursing, . . . . .	Springfield.
Annie L. McKay, . . . .	1910	At home, . . . . .	Shubenacadie, N. S.
Margarette S. Macrae, . . .	1910	Married, . . . . .	Pine Plains, N. Y.
Ivy M. Corey, . . . .	1911	Private nursing, . . . . .	St. John, N. B.
Alice E. Cox, . . . .	1911	Teaching school, . . . . .	Gardner.
Alice D. Small, . . . .	1911	Private nursing, . . . . .	Calgary, Alta.
Gertrude Tapley, . . . .	1911	Monson State Hospital, nurse, . . .	Palmer.
Ruth E. Turner, . . . .	1911	Rhode Island General Hospital, . .	Providence, R. I.

The nurses have worked away from the hospital eight and one-eighth days.

Respectfully submitted,

EVERETT FLOOD,

*Superintendent.*

## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

1. The regular insane commitment, such as is used at the insane hospital.

2. Two forms of commitment: (*a*) voluntary admission, requiring the certificate of one doctor. The doctor's certificate must be certified by a justice; (*b*) commitment for those who are considered dangerous epileptics, but not otherwise insane.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than 1 mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London Northern division of the Central Vermont. The Ware River branch of the Boston & Albany railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.89.

## ARTICLES MADE AND REPAIRED IN THE SEWING ROOMS.

MADE.				
Aprons,	.	.	.	539
Belt,	.	.	.	1
Bibs,	.	.	.	307
Bread covers,	.	.	.	2
Bureau scarfs,	.	.	.	114
Burial robes,	.	.	.	5
Canvas bag,	.	.	.	1
Caps for bathing,	.	.	.	50
Chair cover,	.	.	.	1
Chemises,	.	.	.	137
Cheesecloth covers,	.	.	.	6
Coats,	.	.	.	57
Compensare cover,	.	.	.	1
Corset covers,	.	.	.	93
Covering for sleigh,	.	.	.	1
Curtains:—				
For bookcase,	.	.	.	7
Long muslin (pairs),	.	.	.	30
Radiator curtain,	.	.	.	1
Sash (pairs),	.	.	.	31
Screen curtains,	.	.	.	9
Cushion,	.	.	.	1
Drawers (pairs),	.	.	.	245
Dresses,	.	.	.	568
Dusters (cloth),	.	.	.	37
Finger cots,	.	.	.	12
Flags,	.	.	.	5
Garters,	.	.	.	295
Holders,	.	.	.	177
Hood,	.	.	.	1
Jumpers,	.	.	.	63
Kimonos,	.	.	.	6
Laundry bags,	.	.	.	102
Masks,	.	.	.	75
Mittens (pairs),	.	.	.	376
Napkins,	.	.	.	136
Nightdresses,	.	.	.	403
Nightshirts,	.	.	.	381
Overalls (pairs),	.	.	.	130
Petticoats,	.	.	.	70
Piano cover,	.	.	.	1
Pillow cushion cover,	.	.	.	1
Pillow slips,	.	.	.	22
Portières (pairs),	.	.	.	2
Rompers (pairs),	.	.	.	169
Rugs,	.	.	.	84
Shirts,	.	.	.	25
Shirtwaists,	.	.	.	99
Skirts,	.	.	.	21
Sofa pillows,	.	.	.	8
Sofa pillow tops,	.	.	.	4
Stand covers,	.	.	.	54
Suits,	.	.	.	7
Suspenders (pairs),	.	.	.	256
Table cloths,	.	.	.	67
Towels,	.	.	.	2,259
Tray cloths,	.	.	.	22
Ticks,	.	.	.	6
Trousers (pairs),	.	.	.	49
Underwaists,	.	.	.	33
Vests,	.	.	.	47
REPAIRED.				
Aprons,	.	.	.	491
Bedspreads,	.	.	.	10
Bibs,	.	.	.	231
Blankets,	.	.	.	114
Blanket (horse),	.	.	.	1
Caps,	.	.	.	2
Clothespin bags,	.	.	.	5
Coats,	.	.	.	397



Corset covers, . . . . .	166	Pillow slips, . . . . .	96
Corsets, . . . . .	27	Rompers, . . . . .	213
Drawers (pairs), . . . . .	1,503	Rugs, . . . . .	12
Dresses, . . . . .	955	Sheets, . . . . .	24
Flag, . . . . .	1	Shirts, . . . . .	1,911
Jumpers, . . . . .	340	Shirtwaists, . . . . .	84
Laundry bags, . . . . .	261	Skirts, . . . . .	152
Mattress covers, . . . . .	19	Stockings (pairs), . . . . .	4,500
Mittens, . . . . .	9	Sweaters, . . . . .	4
Nightdresses, . . . . .	621	Table cloths, . . . . .	92
Nightshirts, . . . . .	17	Towels, . . . . .	66
Overalls, . . . . .	641	Trousers (pairs), . . . . .	865
Petticoats, . . . . .	308	Vests, . . . . .	42

## WORK DONE IN THE INDUSTRIAL ROOM.

ARTICLES CARVED.			
Cemetery head marks, . . . .	10	Names, . . . . .	98
Sign boards, . . . . .	7	Postal cards, . . . . .	150
		Programs, . . . . .	2,000
		Tickets, . . . . .	1,300
CUT.			
Coats, . . . . .	40	REPAIRED.	
Coat patterns, . . . . .	10	Blankets (horse), . . . . .	2
Coats, summer, . . . . .	104	Baseball bases, . . . . .	4
Mittens (pairs), . . . . .	382	Bridles, . . . . .	2
Overalls, men's (pairs), . . . .	68	Camp stools, . . . . .	5
Trousers (pairs), . . . . .	18	Carpets, . . . . .	3
Trouser patterns, . . . . .	10	Chairs, . . . . .	4
Suits, . . . . .	10	Chair cushions, . . . . .	6
Vests, . . . . .	5	Crutches (pairs), . . . . .	2
MADE.		Footstools, . . . . .	2
Cane, . . . . .	1	Fire escapes, . . . . .	4
Coat hangers, . . . . .	246	Harness straps, . . . . .	3
Checker boards, . . . . .	2	Mattresses, . . . . .	501
Checkers, sets of, . . . . .	2	Opera-glass case, . . . . .	1
Chair cushions, . . . . .	2	Piano stools, . . . . .	2
Envelopes, large:—		Rugs, . . . . .	11
For office, . . . . .	1,050	Shoes, . . . . .	2,042
For pills, . . . . .	7,000	Suit case, . . . . .	1
Moccasins, men's (pairs), . . . .	15	Truss, . . . . .	1
Pillows made over, . . . . .	25	Umbrellas, . . . . .	145
Rugs, rope, . . . . .	40	RESEATED.	
Shoes, women's (pairs), . . . . .	2	Chairs, . . . . .	56
Slippers, men's (pairs), . . . . .	588	SEWED.	
MARKED.		Mangle aprons, . . . . .	16
Shoes (pairs), . . . . .	13	UPHOLSTERED.	
PRINTED.		Barber chairs, . . . . .	3
Blanks, . . . . .	8,600	MISCELLANEOUS.	
Copies of essays and lectures, . .	1,575	One barrel of beans picked over.	
Envelopes, . . . . .	3,525		

## FARM PRODUCTS.

Apples, eating, 370 $\frac{1}{4}$ barrels, at \$2.50,	\$925 63
Apples, cider, 294 bushels, at \$0.10,	29 40
Apples, crab, 12 bushels, at \$0.75,	9 00
Beans, dry, 7 $\frac{1}{8}$ bushels, at \$2.30,	16 48
Beans, shell, 35 bushels, at \$1.35,	47 25
Beans, string, 184 $\frac{3}{4}$ bushels, at \$0.90,	166 28
Beef, 3,274 pounds, at \$0.10,	327 40
Beets, 191 $\frac{1}{4}$ bushels, at \$0.60,	114 75
Cabbage, 11 $\frac{1}{2}$ $\frac{3}{8}$ tons, at \$25,	288 90
Calves sold, 60,	198 15
Carrots, 426 bushels, at \$0.75,	319 50
Cider, 720 gallons, at \$0.10,	72 00
Corn, field, 355 bushels, at \$0.75,	266 25
Corn, sweet, 452 $\frac{7}{10}$ bushels, at \$1,	452 70
Corn, green, 10 tons, at \$5,	50 00
Cows sold, 2,	42 50
Currants, 175 quarts, at \$0.11,	19 25
Cucumbers, 29 $\frac{1}{4}$ boxes, at \$0.75,	21 94
Ensilage, 450 tons, at \$4,	1,800 00
Fodder, corn, 25 tons, at \$5,	125 00
Fodder, millet, 12 tons, at \$5,	60 00
Fodder, oat, 40 tons, at \$5,	200 00
Grapes, 96 pounds, at \$0.04,	3 84
Hay, 275 tons, at \$21,	5,775 00
Hides, 363 $\frac{1}{10}$ pounds, at \$0.10,	36 31
Lettuce, 256 $\frac{1}{2}$ pounds, at \$0.50,	128 25
Logs, 4,	45 00
Milk, 285,219 quarts, at \$0.06,	17,113 14
Onions, 58 $\frac{1}{4}$ bushels, at \$1.10,	64 08
Parsnips, 264 bushels, at \$0.75,	198 00
Pears, 31 $\frac{3}{4}$ bushels, at \$1,	31 75
Peas, 10 $\frac{1}{4}$ bushels, at \$2,	20 50
Pigs sold, 119,	401 75
Potatoes, 621 bushels, at \$0.90,	558 90
Pumpkins, 9,916 pounds, at \$0.03,	297 48
Pork, 14,421 pounds, at \$0.09,	1,297 89
<i>Amount carried forward,</i>	\$31,524 27

Amount brought forward,	\$31,524	27
Radishes, 819 dozen, at \$0.30,	245	70
Radish, horse, $\frac{1}{2}$ bushel, at \$1,		50
Rhubarb, 2,518 pounds, at \$0.02,	50	36
Rowen, 20 tons, at \$15,	300	00
Squash, summer, 42 barrels, at \$1,	42	00
Squash, winter, $6\frac{2}{3}$ tons, at \$35,	231	09
Straw, oat, 25 tons, at \$5,	125	00
Tallow, 137 pounds, at \$0.03,	4	11
Tomatoes, ripe, $87\frac{9}{16}$ bushels, at \$0.75,	65	67
Turnips, $255\frac{2}{3}$ barrels, at \$1.10,	280	94
Veal, 155 pounds, at \$0.11,	17	05
Vinegar, 1,871 gallons, at \$0.10,	187	10
Wood, 219 cords, at \$4.50,	985	50
	<hr/>	
	\$34,059	29

## GREENHOUSE PRODUCTS.

Asparagus, 10 $\frac{5}{8}$ boxes, at \$3.50,	\$36 94
Bulbs, plants, etc.,	1,795 17
Celery, 50 boxes, at \$0.90,	45 00
Chicken, 216 pounds, at \$0.23,	49 68
Cucumbers, 6 boxes, at \$0.75,	4 50
Dandelions, 56 $\frac{3}{4}$ bushels, at \$0.50,	28 38
Eggs, 202 $\frac{1}{2}$ dozen, at \$0.30,	60 75
Fowl, 238 $\frac{1}{4}$ pounds, at \$0.15,	35 74
Lettuce, 35 $\frac{2}{9}$ boxes, at \$0.50,	17 61
Parsley, 1 bushel,	50
Pears, 3 bushels, at \$1,	3 00
Peas, $\frac{1}{2}$ bushel, at \$2,	1 00
Peppers, $\frac{1}{2}$ bushel, at \$0.75,	38
Plums, 13 $\frac{1}{2}$ bushels, at \$0.30,	4 05
Pumpkins, 176 pounds, at \$0.03,	5 28
Radishes, 4 dozen bunches, at \$0.30,	1 20
Strawberries, 151 boxes, at \$0.12,	18 12
Tomatoes, green, 27 bushels, at \$0.50,	13 50
Tomatoes, ripe, 40 $\frac{3}{8}$ bushels, at \$0.75,	30 28
	<hr/>
	\$36,210 37



## TREASURER'S REPORT.

*To the Trustees of the Monson State Hospital.*

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1911:—

### CASH ACCOUNT.

Balance Dec. 1, 1910, . . . . .	\$458 21
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### *Receipts.*

#### *Institution Receipts.*

#### Board of inmates:—

Private, . . . . .	\$7,511 37	
Reimbursements, insane, . .	3,192 60	
Cities and towns, . . . . .	357 96	
		\$11,061 93

#### Salaries, wages and labor:—

Labor of employees, . . . . .		11 70
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#### Sales:—

Food, . . . . .	\$517 99	
Clothing and materials, . .	168 69	
Furnishings, . . . . .	3 40	
Repairs and improvements, .	66 55	
Miscellaneous, . . . . .	18 51	

#### Farm, stable and grounds:—

Cows and calves, . . . . .	240 65	
Pigs and hogs, . . . . .	401 75	
Hides, . . . . .	35 60	
Use of teams, . . . . .	9 25	
Sundries, . . . . .	84 93	
		1,547 32

#### Miscellaneous receipts:—

Interest on bank balances, .	\$139 95	
Sundries, . . . . .	38 76	
		178 71

12,799 66

### *Receipts from Treasury of Commonwealth.*

#### Maintenance appropriations:—

Balance of 1910, . . . . .	\$1,639 14	
Advance money (amount on hand Novem- ber 30), . . . . .	11,500 00	
Approved schedules of 1911, .	\$177,456 19	
Less returned, . . . . .	3 84	
		177,452 35

190,591 49

Special appropriations, . . . . .	16,291 62
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Total, . . . . .	\$220,140 98
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*Payments.*

To treasury of Commonwealth, institution receipts, . . . . .		\$12,799 66
Maintenance appropriations: —		
Balance November schedule, 1910, . . . . .	\$2,097 35	
Eleven months' schedules, 1911, . . . . .	177,452 35	
November advances, . . . . .	8,124 88	
	<hr/>	187,674 58
Special appropriations: —		
Approved schedules, . . . . .		16,291 62
Balance Nov. 30, 1911: —		
In bank, . . . . .	\$1,557 66	
In office, . . . . .	1,817 46	
	<hr/>	3,375 12
Total, . . . . .		<hr/> \$220,140 98

*MAINTENANCE.*

Appropriation, . . . . .	\$189,200 00
Expenses (as analyzed below), . . . . .	189,196 16
	<hr/>
Balance reverting to treasury of Commonwealth, . . . . .	\$3 84

*Analysis of Expenses.*

Salaries, wages and labor: —		
General administration, . . . . .	\$25,074 28	
Medical service, . . . . .	7,716 69	
Ward service (male), . . . . .	17,064 84	
Ward service (female), . . . . .	14,859 33	
Repairs and improvements, . . . . .	4,537 89	
Farm, stable and grounds, . . . . .	9,704 75	
	<hr/>	\$78,957 78
Food: —		
Butter, . . . . .	\$8,277 14	
Beans, . . . . .	352 10	
Bread and crackers, . . . . .	420 46	
Cereals, rice, meal, etc., . . . . .	2,024 35	
Cheese, . . . . .	83 90	
Eggs, . . . . .	2,779 11	
Flour, . . . . .	4,295 77	
Fish, . . . . .	2,006 77	
Fruit (dried and fresh), . . . . .	1,716 68	
Meats, . . . . .	14,079 83	
Milk, . . . . .	44 00	
Molasses and syrup, . . . . .	545 81	
Sugar, . . . . .	3,053 53	
Tea, coffee, broma and cocoa, . . . . .	896 24	
Vegetables, . . . . .	3,850 33	
Sundries, . . . . .	1,478 20	
	<hr/>	45,904 22
Clothing and materials: —		
Boots, shoes and rubbers, . . . . .	\$348 95	
Clothing, . . . . .	2,511 43	
Dry goods for clothing and small wares, . . . . .	1,473 34	
Furnishing goods, . . . . .	3 74	
	<hr/>	
Amounts carried forward, . . . . .	\$4,337 46	\$124,862 00

<i>Amounts brought forward,</i>	\$4,337 46	\$124,862 00
<b>Clothing and materials — <i>Con.</i></b>		
Hats and caps,	69 49	
Leather and shoe findings,	547 87	
Sundries,	119 57	
	<hr/>	5,074 39
<b>Furnishings: —</b>		
Beds, bedding, table linen, etc.,	\$2,579 75	
Brushes, brooms,	487 96	
Carpets, rugs, etc.,	650 22	
Crockery, glassware, cutlery, etc.,	980 98	
Furniture and upholstery,	307 89	
Kitchen furnishings,	950 22	
Wooden ware, buckets, pails, etc.,	30 30	
Sundries,	1,032 27	
	<hr/>	7,019 59
<b>Heat, light and power: —</b>		
Coal,	\$14,910 97	
Freight on coal,	341 43	
Oil,	397 26	
Sundries,	137 74	
	<hr/>	15,787 40
<b>Repairs and improvements: —</b>		
Brick,	\$172 90	
Cement, lime and plaster,	483 16	
Doors, sashes, etc.,	19 80	
Electrical work and supplies,	2,454 54	
Hardware,	1,141 57	
Lumber,	1,047 23	
Machinery, etc.,	51 48	
Paints, oil, glass, etc.,	1,386 34	
Plumbing, steam fitting and supplies,	3,553 77	
Roofing and materials,	13 60	
Sundries,	527 61	
	<hr/>	10,852 00
<b>Farm, stable and grounds: —</b>		
Blacksmith and supplies,	\$313 17	
Carriages, wagons, etc., and repairs,	567 12	
Fertilizers, vines, seeds, etc.,	912 03	
Hay, grain, etc.,	7,809 16	
Harnesses and repairs,	131 48	
Horses,	750 00	
Cows,	828 50	
Other live stock,	105 50	
Tools, farm machines, etc.,	378 03	
Sundries,	710 53	
	<hr/>	12,505 52
<b>Miscellaneous: —</b>		
Books, periodicals, etc.,	\$265 79	
Chapel services and entertainments,	1,218 17	
Freight, expressage and transportation,	2,219 38	
Funeral expenses,	248 75	
Gratuities,	113 12	
Hose, etc.,	205 99	
	<hr/>	
<i>Amounts carried forward,</i>	\$4,271 20	\$176,100 90

*Amounts brought forward, . . . . .* \$4,271 20 \$176,100 90

Miscellaneous — *Con.*

Ice, . . . . .	536 00	
Medicines and hospital supplies, . . . . .	1,405 18	
Medical attendance, nurses, etc. (extra), . . . . .	46 00	
Postage, . . . . .	401 36	
Printing and printing supplies, . . . . .	98 74	
Printing annual report, . . . . .	144 80	
Return of runaways, . . . . .	80 25	
Soap and laundry supplies, . . . . .	1,244 47	
Stationery and office supplies, . . . . .	792 70	
School books and school supplies, . . . . .	12 11	
Travel and expenses (officials), . . . . .	1,112 46	
Telephone and telegraph, . . . . .	218 50	
Tobacco, . . . . .	669 39	
Water, . . . . .	1,397 87	
Sundries, . . . . .	664 23	
		13,095 26

Total expenses for maintenance, . . . . . \$189,196 16

SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1910, . . . . .	\$14,001 75
Appropriations for fiscal year, . . . . .	18,000 00
Total, . . . . .	\$32,001 75
Expended during the year (see statement annexed), . . . . .	16,291 62
Balance Nov. 30, 1911, . . . . .	\$15,710 13

RESOURCES AND LIABILITIES.

*Resources.*

Cash on hand, . . . . .	\$3,375 12	
November cash vouchers (paid from advance money), . . . . .	8,124 88	
Due from treasury of Commonwealth, account November, 1911, schedule, . . . . .	243 81	
		\$11,743 81

*Liabilities.*

Schedule of November bills, . . . . .	\$11,743 81
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PER CAPITA.

During the year the average number of inmates has been 835.3452.

Total cost for maintenance, \$189,196.16.

Equal to a weekly per capita cost of \$4.3555.

Receipts from sales, \$1,547.32.

Equal to a weekly per capita of \$0.0356.

All other institution receipts, \$11,252.34.

Equal to a weekly per capita of \$0.2590.



*Special Appropriations.*

OBJECT.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Constructing and furnishing two dormitories,	Acts 1909, chap. 475,	\$84,000 00	\$2,586 58	\$84,000 00	-
Constructing and furnishing service building,	Acts 1909, chap. 475,	34,000 00	520 14	34,000 00	-
Sewerage system, . . . . .	Res. 1910, chap. 119,	6,000 00	5,063 50	5,718 46	\$281 54
Constructing and furnishing house for employees, {	Res. 1908, chap. 128,	} 5,900 00	5,549 99	5,900 00	-
Alterations, etc., . . . . .	Res. 1910, chap. 119,		560 92	560 92	2,439 08
Addition to laundry, . . . . .	Res. 1911, chap. 137,	3,000 00	2,010 49	2,010 49	12,989 51
	Res. 1911, chap. 137,	15,000 00			
		\$147,900 00	\$16,291 62	\$132,189 87	\$15,710 13

Respectfully submitted,

SARAH E. SPALDING,

*Treasurer.*

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,

*Assistant Supervisor of Accounts.*

## VALUATION.

Land, . . . . .	\$31,977 00
Buildings, . . . . .	575,645 41
Water and sewerage system, . . . . .	51,521 73
Personal property: —	
Provisions and groceries, . . . . .	1,802 16
Clothing and clothing material, . . . . .	5,408 04
Furnishings, . . . . .	70,548 38
Heat, light and power: —	
Fuel, . . . . .	64 00
All other property, . . . . .	620 85
Repairs and improvements: —	
Machinery and mechanical fixtures, . . . . .	51,122 79
All other property, . . . . .	3,643 53
Farm, stable and grounds: —	
Live stock on the farm, . . . . .	14,361 00
Produce of the farm on hand, . . . . .	8,033 25
Carriages and agricultural implements, . . . . .	5,446 49
All other property, . . . . .	2,335 96
Miscellaneous, . . . . .	10,093 73
	\$833,674 32

### NURSES' TRAINING SCHOOL FUND.

Balance Dec. 1, 1910, . . . . .	\$408 97
Twelve months' receipts, . . . . .	183 06
	\$592 03
Twelve months' payments, . . . . .	223 30
	\$368 73
Balance Nov. 30, 1911, . . . . .	

### *Investment.*

Deposited in Palmer National Bank, . . . . .	\$41 74
Deposited in Palmer Savings Bank, . . . . .	326 32
Cash in office, . . . . .	67
	\$368 73

## PATIENTS' MONEY.

Balance Dec. 1, 1910, . . . . .	\$672 80
Twelve months' receipts, . . . . .	2,345 20
	<hr/>
	\$3,018 00
Twelve months' payments, . . . . .	2,303 94
	<hr/>
Balance Dec. 1, 1911, . . . . .	\$714 06

*Investment.*

Deposited in Palmer National Bank, . . . . .	\$43 51
Deposited in Palmer Savings Bank, . . . . .	592 96
Cash in office, . . . . .	77 59
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	\$714 06





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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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1. — General Statistics for the Year.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the hospital Oct. 1, 1910,									
Admitted within the year,	175	182	357	220	193	413	395	375	770
Viz.: by commitment,	60	27	87	124	106	230	184	133	317
by transfer,	28	9	37	80	74	154	108	83	191
from escape,	25	17	42	—	—	—	25	17	42
from visit,	7	—	—	4	—	4	4	—	4
Whole number of cases within year,	235	1	8	40	32	72	47	33	80 <sup>1</sup>
Dismissed during year,	33	209	444	344	299	643	579	508	1,087
Viz.: discharged,	7	27	60	99	77	176	132	104	236
as recovered,	—	6	13	40	30	70	47	36	83
as capable of self-support,	—	—	—	—	—	—	—	—	—
as improved,	6	—	12	36	28	64	42	34	76
as not improved,	1	—	1	4	2	6	5	2	7
died,	16	18	34	21	15	36	37	33	70
transferred,	1	—	1	—	—	—	1	—	1
on escape Oct. 1, 1911,	2	—	2	3	—	3	5	—	5
on visit Oct. 1, 1911,	7	3	10	35	32	67	42	35	77
Patients remaining Sept. 30, 1911,	202	182	384	245	222	467	447	404	851
Viz.: State patients,	192	172	364	231	205	436	423	377	800
private patients,	4	3	7	11	9	20	15	12	27
reimbursing patients,	6	7	13	3	8	11	9	15	24
Number of different persons within the year,	229	208	437	315	281	596	544	489	1,033
Number of different persons admitted,	54	26	80	96	88	184	76	65	141 <sup>2</sup>
Number of different persons admitted by commitment,	28	9	37	80	74	154	108	83	191
Number of different persons dismissed,	28	26	54	71	59	130	99	85	184 <sup>3</sup>
Number of different persons dismissed to community,	27	26	53	71	59	130	98	85	183 <sup>3</sup>
Number of different persons discharged capable of self-support,	—	—	—	—	—	—	—	—	—
Daily average number of patients,	196.74	183.78	380.52	234.00	207.09	441.09	430.74	390.87	821.61
Viz.: State patients,	185.60	176.81	362.41	217.95	191.04	408.99	403.55	367.85	771.40
private patients,	4.45	3.00	7.45	11.01	9.18	20.19	15.46	12.18	27.64
reimbursing patients,	6.69	3.97	10.66	5.04	6.87	11.91	11.73	10.84	22.57

1 Nominally admitted to discharge: insane: males, 5; females, 1; total, 6; sane: males, 28; females, 18; total, 46; totals: males, 33; females, 19; total, 52.

2 One male discharged as sane and recommitted as insane; 1 male discharged and recommitted as sane.

3 One male twice discharged, once as sane and once as insane.

2. — *Received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . . . .	28	9	37	73	71	144	101	80	181
Second to this hospital, . . . . .	—	—	—	7	2	9	7	2	9
Fourth to this hospital, . . . . .	—	—	—	—	1	1	—	1	1
Total cases, . . . . .	28	9	37	80	74	154	108	83	191
Total persons, . . . . .	28	9	37	80	74	154	108	83	191
First admitted to any hospital, . . . . .	28	9	37	73	71	144	101	80	181



3. — *Nativity and Parentage of Persons first admitted to Any Hospital.*

	INSANE.						SANE.						TOTALS.					
	MALES.			FEMALES.			MALES.			FEMALES.			MALES.			FEMALES.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	23	3	4	7	4	1	30	7	5	48	15	21	46	16	19	94	31	40
New England States,	2	4	4	—	—	—	—	4	4	8	4	2	7	9	4	15	13	6
Other States,	—	4	1	—	—	—	2	4	1	7	7	3	9	4	6	16	11	9
Total native,	25	11	9	7	4	1	32	15	10	63	26	26	62	29	29	125	55	55
Other countries:—																		
Austria,	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	1	—	1
Azores,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bermuda,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Canada,	—	2	4	—	2	3	—	4	7	3	14	16	4	15	11	7	29	27
Cape Verde Island,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
England,	—	—	—	1	1	—	—	1	3	1	5	6	—	6	7	2	11	13
Germany,	—	—	—	—	—	—	—	—	—	—	1	1	1	1	1	1	2	2
Greece,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ireland,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Italy,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Newfoundland,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poland,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Russia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scotland,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sweden,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Turkey,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wales,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Indies,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total foreign,	3	14	17	2	5	8	5	19	25	10	44	44	9	37	38	19	81	82
Unknown,	—	3	2	—	—	—	—	3	2	—	3	3	—	5	4	—	8	7
Totals,	28	28	28	9	9	9	37	37	37	73	73	73	71	71	71	144	144	144
Total,	181	181	181	80	80	80	101	101	101	101	101	101	80	80	80	24	100	107
Total foreign,	9	11	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unknown,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	181	181	181	80	80	80	101	101	101	101	101	101	80	80	80	24	100	107

4. — *Residence of Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —									
Bristol County, . . . . .	2	—	2	—	—	—	2	—	2
Essex County, . . . . .	1	1	2	—	—	—	1	1	2
Middlesex County, . . . . .	4	—	4	—	—	—	4	—	4
Plymouth County, . . . . .	1	—	1	—	—	—	1	—	1
Suffolk County, . . . . .	12	5	17	—	—	—	12	5	17
Worcester County, . . . . .	8	3	11	—	—	—	8	3	11
Totals, . . . . .	28	9	37	—	—	—	28	9	37
Cities or large towns (10,000 or over),	16	5	21	—	—	—	16	5	21
Country districts (under 10,000), . .	12	4	16	—	—	—	12	4	16
B. — Sane: —									
Barnstable County, . . . . .	1	—	1	—	—	—	1	—	1
Berkshire County, . . . . .	3	2	5	1	—	1	4	2	6
Bristol County, . . . . .	9	5	14	—	—	—	9	5	14
Essex County, . . . . .	2	11	13	2	—	2	4	11	15
Hampden County, . . . . .	4	4	8	1	—	1	5	4	9
Hampshire County, . . . . .	2	—	2	1	—	1	3	—	3
Middlesex County, . . . . .	14	12	26	—	—	—	14	12	26
Norfolk County, . . . . .	6	3	9	—	—	—	6	3	9
Plymouth County, . . . . .	2	2	4	—	—	—	2	2	4
Suffolk County, . . . . .	19	21	40	2	3	5	21	24	45
Worcester County, . . . . .	11	11	22	—	—	—	11	11	22
Totals, . . . . .	73	71	144	7	3	10	80	74	154
Cities or large towns (10,000 or over),	60	56	116	5	3	8	65	59	124
Country districts (under 10,000), . .	13	15	28	2	—	2	15	15	30

5. — *Civil Condition of Persons first admitted to Any Hospital.*

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, . . . . .	25	9	34	64	58	122	89	67	156
Married, . . . . .	3	—	3	9	9	18	12	9	21
Widowed, . . . . .	—	—	—	—	4	4	—	4	4
Divorced, . . . . .	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Totals, . . . . .	28	9	37	73	71	144	101	80	181

## 6. — Occupations of Persons first admitted to Any Hospital.

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Antique furniture restorer, . . .	—	1	1	Janitor, . . .	—	1	1
Bookkeeper, . . .	—	1	1	Laborer, . . .	2	5	7
Canvasser, . . .	—	1	1	Meter tester, . . .	—	1	1
Carpenter, . . .	—	2	2	Painter, . . .	—	1	1
Chair maker, . . .	—	1	1	Press feeder, . . .	—	1	1
Commercial traveler, . . .	—	1	1	Printer, . . .	1	—	1
Factory operative, . . .	1	5	6	Scholar, . . .	—	8	8
Farmer, . . .	—	2	2	Screw worker, . . .	—	1	1
Fisherman, . . .	—	1	1	Teamster, . . .	—	2	2
Grocer, . . .	—	1	1	No occupation, . . .	23	37	60
Hostler, . . .	1	—	1	Totals, . . .	28	73	101

## FEMALES.

Boxmaker, . . .	—	1	1	Scholar, . . .	—	8	8
Clerk, . . .	—	1	1	Seamstress, . . .	—	1	1
Domestic, . . .	1	13	14	No occupation, . . .	8	34	42
Factory operative, . . .	—	3	3	Totals, . . .	9	71	80
Housewife, . . .	—	9	9				
Mail correspondent, . . .	—	1	1				

## WIFE OR DAUGHTER OF —

Baker, . . .	—	1	1	Grocer, . . .	—	1	1
Bartender, . . .	—	1	1	Hackman, . . .	—	1	1
Bleacher, . . .	—	1	1	Hatter, . . .	—	2	2
Boiler maker, . . .	—	1	1	Laborer, . . .	—	3	3
Carriage washer, . . .	—	1	1	Leather cutter, . . .	1	—	1
Clergyman, . . .	—	1	1	Machinist, . . .	—	2	2
Clerk, . . .	—	2	2	Mason, . . .	—	1	1
Engineer, . . .	—	1	1	Musician, . . .	—	2	2
Expressman, . . .	—	1	1	Real estate, . . .	—	1	1
Factory operative, . . .	—	4	4	Ship calker, . . .	—	1	1
Farmer, . . .	—	2	2	Unknown, . . .	8	38	46
Fireman, . . .	—	2	2	Totals, . . .	9	71	80
Gardener, . . .	—	1	1				

7. — *Ages of Epileptics at First Attack, Admission and Death.*

## INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK OF INSANITY.			WHEN ADMITTED.			AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,												
15 years and less,	20	6	26	2	1	3	6	4	10	10	1	20
From 15 to 20 years,	2	2	4	2	2	4	3	3	6	1	4	5
20 to 25 years,	1	—	1	1	—	1	1	1	2	1	—	1
25 to 30 years,	—	—	—	—	—	—	—	—	—	—	—	—
30 to 35 years,	1	—	1	1	—	1	1	2	3	1	—	1
35 to 40 years,	1	—	1	2	—	2	2	1	3	1	—	1
40 to 50 years,	—	—	—	—	—	—	2	2	4	1	1	2
50 to 60 years,	1	1	2	1	1	2	1	2	3	1	2	3
60 to 70 years,	1	—	1	1	—	1	1	3	4	1	5	6
70 to 80 years,	1	—	1	—	—	—	—	2	2	—	2	2
80 to 90 years,	—	—	—	—	—	—	—	—	—	—	1	1
Totals,	28	9	37	27	9	36	16	18	34	15	13	28
Unknown,	—	—	—	1	—	1	—	—	—	1	5	6
Total persons,	28	9	37	28	9	37	16	18	34	16	18	34
Mean known age,	15.5	13.8	15.1	10.8	7.5	8.9	23.2	32.9	28.3	16.5	18.4	17.4
										32.9	40.1	36.7



7. — *Ages of Epileptics at First Attack, Admission and Death — Concluded.*  
SANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			DIED.					
	AT FIRST ATTACK OF EPILEPSY.			AT FIRST ATTACK OF EPILEPSY.					
	Males.	Females.	Totals.	Males.	Females.	Totals.			
Congenital.	3	3	6	13	7	20	Males.	Females.	Totals.
15 years and less.	46	44	90	1	21	48	3	3	6
From 15 to 20 years.	8	5	13	13	17	30	4	4	8
20 to 25 years.	5	5	10	9	4	13	1	1	2
25 to 30 years.	1	1	2	5	7	12	1	1	2
30 to 35 years.	3	4	7	3	8	11	2	2	4
35 to 40 years.	1	2	3	5	8	13	3	3	6
40 to 50 years.	1	2	3	6	8	14	2	2	4
50 to 60 years.	3	2	5	3	4	7	3	3	6
60 to 70 years.	1	1	2	2	1	3	1	1	2
70 to 80 years.	1	1	2	1	1	2	1	1	2
80 to 90 years.	1	1	2	1	1	2	1	1	2
Totals.	71	68	139	73	71	144	19	14	33
Unknown.	2	3	5	—	—	—	2	1	3
Total persons.	73	71	144	73	71	144	21	15	36
Mean known age.	14.3	14.1	14.2	22.1	24.1	23.1	17.7	20.8	19.0
							30.3	37.0	33.1

8. — *Probable Causes of Epilepsy in Persons first admitted to Any Hospital.*

EXCITING CAUSES.				PREDISPOSING CAUSES.												
				ADMITTED.			HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.			
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
<i>Insane.</i>																
Physical: —																
Encephalitis, . . . . .				9	5	14	1	—	1	—	—	—	—	1	—	1
Diet indiscretion, . . . . .				1	—	1	1	—	1	—	—	—	—	—	—	—
Fright, . . . . .				1	—	1	1	—	1	—	—	—	—	—	—	—
Indigestion, . . . . .				1	—	1	—	—	—	1	—	1	—	—	—	—
Injury to head, . . . . .				1	—	1	1	—	1	—	—	—	—	—	—	—
Totals, . . . . .				13	5	18	4	—	4	1	—	1	1	—	1	1
Unknown, . . . . .				15	4	19	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .				28	9	37	4	—	4	1	—	1	1	—	1	1
<i>Sane.</i>																
Physical: —																
Encephalitis, . . . . .				3	5	8	—	—	—	—	—	—	—	—	—	—
Cerebral hemorrhage, . . . . .				3	2	5	—	—	—	—	—	—	—	—	—	—
Indigestion, . . . . .				1	3	4	—	—	—	—	—	—	—	—	—	—
Blow on head, . . . . .				2	1	3	—	—	—	—	—	—	—	—	—	—
Spinal meningitis, . . . . .				1	1	2	—	—	—	—	—	—	—	—	—	—
Diet indiscretion, . . . . .				1	—	1	—	—	—	—	—	—	1	—	1	
Injury and fright, . . . . .				—	1	1	—	1	1	—	—	—	—	—	—	—
Traumatism, . . . . .				1	—	1	—	—	—	—	—	—	—	—	—	—
Puerperal eclampsia, . . . . .				—	1	1	—	—	—	—	—	—	—	—	—	—
Overwork, . . . . .				—	1	1	—	1	1	—	—	—	—	—	—	—
Establishment of menstruation, . . . . .				—	1	1	—	1	1	—	—	—	—	—	—	—
Vaccination, . . . . .				—	1	1	—	—	—	—	—	—	—	—	—	—
Hydrocephalus, . . . . .				1	—	1	—	—	—	—	—	—	—	—	—	—
Diphtheria, . . . . .				—	1	1	—	—	—	—	—	—	—	—	—	—
Pneumonia, . . . . .				1	—	1	—	—	—	—	—	—	—	—	—	—
Typhoid fever, . . . . .				—	1	1	—	—	—	—	—	—	—	—	—	—
Measles, . . . . .				1	—	1	—	—	—	—	—	—	—	—	—	—
Scarlet fever, . . . . .				—	1	1	—	—	—	—	—	—	—	—	—	—
Alcoholism, . . . . .				1	—	1	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .				16	20	36	—	3	3	—	—	—	1	—	1	1
Unknown, . . . . .				57	51	108	11	8	19	—	1	1	1	—	1	1
Totals, . . . . .				73	71	144	11	11	22	—	1	1	2	—	2	2
Aggregates, . . . . .				29	25	54	4	3	7	1	—	1	1	—	1	1
Unknown, . . . . .				72	55	127	11	8	19	—	1	1	1	—	1	1
Aggregates, . . . . .				101	80	181	15	11	26	1	1	2	2	—	2	2

9. — Probable Duration of Disease before Admission.

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.										TOTALS.				
	INSANE.					SANE.					Males.	Females.	Totals.		
	INSANITY.			EPILEPSY.		Males.	Females.	Totals.	Males.	Females.				Totals.	
	Males.	Females.	Totals.	Males.	Females.										Totals.
Congenital, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	28	9	37	—	—	—	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	—	—	—	1	1	2	1	1	2	1	1	2
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 2 years, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 to 5 years, . . . . .	—	—	—	—	—	—	3	2	5	18	20	38	21	22	43
5 to 10 years, . . . . .	—	—	—	—	—	—	15	4	19	18	12	30	33	16	49
10 to 20 years, . . . . .	—	—	—	—	—	—	4	1	5	14	15	29	18	16	34
Over 20 years, . . . . .	—	—	—	—	—	—	1	1	2	10	11	21	11	12	23
Totals, . . . . .	28	9	37	23	8	31	65	63	128	88	71	159	13	9	22
Unknown, . . . . .	—	—	—	5	1	6	8	8	16	13	9	22	7.745	7.492	7.635
Totals, . . . . .	28	9	37	28	9	37	73	71	144	101	80	181	7.745	7.492	7.635
Average known duration in years, . . . . .	.0416	.0416	.0416	8.319	7.429	8.104	7.880	7.500	7.509	7.745	7.492	7.635	7.745	7.492	7.635

## 10. — Discharges, classified by Admission and Result as to Epilepsy, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	4	6	10	1	—	1	12	12	24	17	18	35
Second to this hospital, .	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	1
Total cases, .	—	—	—	—	—	—	6	6	12	1	—	1	16	18	34	23	24	47
Total persons, .	—	—	—	—	—	—	6	6	12 <sup>1</sup>	1	—	1	16	18	34 <sup>2</sup>	23	24	47
First admitted to any hospital, .	—	—	—	—	—	—	5	6	11	1	—	1	16	15	31	22	21	43
B. — Sane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	31	25	56	3	2	5	19	15	34	53	42	95
Second to this hospital, .	—	—	—	—	—	—	3	—	3	—	—	—	2	—	2	5	—	5
Third to this hospital, .	—	—	—	—	—	—	—	2	2	—	—	—	—	—	—	—	2	2
Fourth to this hospital, .	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1
Total cases, .	—	—	—	—	—	—	34	27	61	4	2	6	21	15	36	59	44	103
Total persons, .	—	—	—	—	—	—	34	27	61	4	2	6	21	15	36	59	44	103
First admitted to any hospital, .	—	—	—	—	—	—	31	24	55	3	2	5	19	15	34	53	41	94

<sup>1</sup> Two insane males discharged were transfers.<sup>2</sup> Four insane males, 5 insane females, deceased, were transfers.



11. — *Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system: —									
Status epilepticus, . . . .	—	1	1	6	1	7	6	2	8
Epilepsy, . . . . .	8	7	15	5	2	7	13	9	22
Epileptic convulsion, . . . .	—	1	1	—	2	2	—	3	3
Cerebral hemorrhage, . . . .	—	—	—	—	1	1	—	1	1
Respiratory system: —									
Lobar pneumonia, . . . . .	—	—	—	—	1	1	—	1	1
Pulmonary edema, . . . . .	1	1	2	—	2	2	1	3	4
Pulmonary tuberculosis, . . . .	2	4	6	1	1	2	3	5	8
Broncho-pneumonia, . . . . .	1	2	3	2	2	4	3	4	7
Asphyxia, . . . . .	1	—	1	2	1	3	3	1	4
Pulmonary abscess, . . . . .	1	—	1	—	—	—	1	—	1
Circulatory system: —									
Endocarditis, . . . . .	—	—	—	—	2	2	—	2	2
Myocarditis, . . . . .	—	1	1	—	—	—	—	1	1
Fatty degeneration of heart, . .	—	1	1	—	—	—	—	1	1
Genito-urinary system: —									
Acute parenchymatous nephritis,	1	—	1	—	—	—	1	—	1
General: —									
Enteric fever, . . . . .	—	—	—	1	—	1	1	—	1
Carcinoma of prostate, . . . .	—	—	—	1	—	1	1	—	1
Cellulitis (septicæmia), . . . .	—	—	—	1	—	1	1	—	1
Accidental drowning, . . . . .	—	—	—	1	—	1	1	—	1
Digestive system: —									
Ptomaine poisoning, . . . . .	—	—	—	1	—	1	1	—	1
Acute gastroenteritis, . . . . .	1	—	1	—	—	—	1	—	1
Totals, . . . . .	16	18	34	21	15	36	37	33	70

12. — Deaths, classified by Duration of Disease and Treatment.

INSANE.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	DURATION BEFORE ADMISSION.						HOSPITAL RESIDENCE.				WHOLE DURATION OF ATTACK.						WHOLE KNOWN PERIOD OF DISEASE.						WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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